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REPORTS OF THE NATURALIST DIVISION

YELLOWSTONE NATIONAL PARK

VOL. IV

1940 - 1943

Inc.

Monthly Reports, arranged chronologically, for the years 1940, 1941, 1942 and 1943

Annual Report for fiscal year July 1, 1941, to June 30, 1942

Annual Report for fiscal year July 1, 1942, to June 30, 1943

Memorandum to the Director, attention of Chief Naturalist, dated October 25, 1943

YELLOWSTONE
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UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF THE NATURALIST DEPARTMENT

FOR

JANUARY 1940

I. CURRENT OPERATIONS

A. Public Contact

Visitors: On January 14 about 1300 people visited the Park to see buffalo at the Buffalo Ranch and elk along the way between the headquarters and the buffalo ranch. Skiing was enjoyed near Tower Falls.

On January 29 Dr. W. M. Cohn, Physical Chemist from the University of California at Berkeley visited the Park.

Lectures: Mr. Kearns lectured four times to groups as follows: While on vacation at Colorado Springs, Colorado, to a group of teachers, 52 being present, January 1. On January 2, also at Colorado Springs, to a group of teachers and students, 41 present. On January 17 he lectured on the National Park Service fellowship at Yale before the Yellowstone Park Women's Club, 15 present. On January 18 he lectured to combined groups of CCC enrollees from Companies 544 and 535 on Your Opportunities and Responsibilities in Yellowstone Park, 150 present. In all of these lectures kodachrome movies were used except before the Women's Club.

B. Ranger Naturalists:

The Ranger Naturalists for the coming season were selected and appointment papers were made out for 18 of the 20.

II. PERMANENT PROJECTS

A. Administration

The Naturalist Department was under the general supervision of Park Naturalist Bauer throughout the entire month.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF THE NATURALIST DEPARTMENT

FOR

JANUARY 1940

I. CURRENT OPERATIONS

A. Public Contact

Visitors: On January 14 about 1200 people visited the park to see buffalo at the Buffalo Ranch and elk along the way between the headquarters and the buffalo ranch. Skiing was enjoyed near Tower Falls.

On January 29 Dr. T. L. Cole, physical chemist from the University of California at Berkeley visited the park.

Lectures: Mr. Evarts lectured four times to groups as follows: Talks on vegetation at Colorado Springs, Colorado, to a group of teachers, 32 being present, January 1. On January 2, also at Colorado Springs, to a group of teachers and students, 14 present. On January 17 he lectured on the National Park Service following at Yale before the Yellowstone Park Women's Club, 15 present. On January 18 he lectured to combined groups of CCC enrollees from Companies 914 and 595 on Your Opportunities and Responsibilities in Yellowstone Park, 150 present. In all of these lectures lantern slides were used except before the Women's Club.

B. Ranger Naturalists:

The Ranger Naturalists for the coming season were selected and appointment papers were made out for 18 of the 20.

II. PERMANENT PROJECTS

A. Administration

The Naturalist Department was under the general supervision of Park Naturalist Dauer throughout the entire month.

On January 12 he went to Helena, Montana to attend the conference on Silvatic Plague headed by Dr. L. E. Eyington of the United States Public Health Service. Another conference was held on Tularemia and its encroachment upon beavers and other rodents with its possible effect upon water supply to which a number of state officers and federal officers were present.

Several days were spent in working on the master plan for Yellowstone Park and a report on the museums of Yellowstone Park was prepared and submitted. Assistant Naturalist Kearns prepared the photographs for this report.

As we are continuing our historical study on Place Names, sometime was devoted to the supervision of this work under Clyde Stewart who was employed by the Yellowstone Library and Museum Association.

Assistant Naturalist Kearns besides giving the lectures listed above had immediate supervision of the photographic project during the month. Elmer Toffer continued his work in the dark room and the three girls assigned to this work completed the negative and print records. One of them typed the manuscript on Chester A. Lindsley entitled "Yellowstone Chronology."

Mr. Kearns had four field trips, two of which extended as far as the Upper Geyser Basin. On January 29, Mr. Kearns and the Park Naturalist were able to drive as far as Biscuit Basin and took a number of pictures on the way and made other observations. Four days' time were devoted by him to carrying his work forward on the plans for the Madison Junction Museum. Many photographs were prepared for publicity and general use as well as the photographs for the report on Yellowstone Museums.

On January 15 the Museum News put out by the American Association of Museums contained an abstract of a paper by Mr. Kearns entitled "Museum Behaviour in the Peabody Museum of Natural History, Yale University.

Assistant Park Naturalist Condon made three field trips during the month. All except the one to the Buffalo Ranch were on skiis to observe wildlife and obtain pictures. He spent a large part of the month editing and mounting kodaslides and 16 mm. kodachrome movie film. He has prepared about 3600 feet of movie film for immediate use on the

A grotesque snow figure standing [illegible]
in Norris Geyser Basin.

Photo [illegible]

large animals, winter life, birds, geysers and hot springs and other subjects. Working together he and Mr. Kearns spent about four days editing kodachrome for duplication by the Eastman laboratories. We also inaugurated a game stalk on skiis which was led by Mr. Condon and Ranger Semingsen on January 14. This project is an experiment to see how the winter visitors respond to a ski trip in which elk, deer, buffalo, and possibly other large mammals may be seen.

The permanent naturalists have been very busy this month and have accomplished a large amount of work.

B. Nature Notes

The editor has prepared some copy for the January-February number which will be put out early in February.

C. Library:

Books in circulation	22
Books received during January.	6
Indefinite Loan of Books.	13
Magazines received during January. . . .	25
Pamphlets received during January. . . .	5

D. Museums:

All museums were closed during the month.

E. Equipment:

Equipment received during the month purchased from the Yellowstone Library and Museum funds were: 2 100 feet arms, rewinds for the Bell and Howell 16 mm film editor, 12 new reels and 6 new cans, and new projection bulbs for the 750 watt movie projector. Also a film cleaning attachment was received for the movie camera.

F. Photographs:

Prints made	432
Enlargements made	56
Prints filed.	0
Negatives filed	0
Rolls and Film Packs Developed.	12
Copy Negatives made	16

With snowy mantle and icy fingers these trees stand guard in Morris Geyser Basin.

Photo by William H. Jackson

G. Lantern Slides and Kodaslides:

The bindings of 1900 slides were varnished and the recent filing system for slides has brought 300 of these into proper position in the files and some repair work has already been done. Approximately 100 kodaslides were mounted during the month and are ready to be filed.

360 kodaslides were charged out to Mr. London for his use on his trip to Idaho which he will make during the early part of February. He is also taking 3600 feet of movie film for this trip.

48 kodaslides were loaned to Ranger Nowski during the month and returned in good condition.

H. Publicity Clippings:

No clippings were filed during the month.

R. Research:

No particular research problem was carried forward during the month as a large amount of routine occupied most of the time. The Park Naturalist reviewed a number of recent articles on the Geology of Areas near Yellowstone Park.

I. Thermal Activity:

Observation trips were made over Norris Hot Springs several times during the month and also at Norris Basin and Lower and Midway Geyser Basins. No unusual activity is reported.

Giant Geyser erupted on January 21 and also on January 28.

Beehive Geyser erupted on January 30.

J. PERSONNEL:

Park Naturalist C. Max Mauer was on duty all month except January 2 and 3 when he was on annual leave.

Assistant Park Naturalist William E. Kearns was on duty all month except the first week which was taken on annual leave.

Two FRA girls, Phyllis Morrison and Mary Jane Perry, working on the FRA photographic project which includes in part the binding of miniature kodachrome slides.

Assistant Park Naturalist David Condon was on duty all month. No annual leave taken.

Clerk Stenographer LeRoy Van Cott was on duty all month except two days annual leave on January 2 and 3 and two days and six hours sick leave from January 22 to the 24th.

ERA darkroom technician Elmer Toffer put in about three weeks of time during the month which is the limit of the hours which this type of employee can work.

Also during the month ERA stenographers Margaret Cornelius, Phyllis Mauritson, and Mary Jane Perry worked their entire period on the photographic project.

CCC enrollee Frank Benkowski continued assisting on various jobs during the month.

Respectfully submitted,

C. Max Bauer,
Park Naturalist.

CC: Director
Russell
Regional Director, II
Bumpus
File
Museum
CMB:LVC

[illegible]

[illegible]

[illegible]

MONTHLY STATISTICAL REPORT OF INTERPRETATIONAL CONTACTS

Yellowstone National Park
Name of Area

Personnel Engaged in Interpretative Activities

January 1940
Month

	Naturalist	Custodian	Other
Permanent	3		
Temporary			

Year

CONDUCTED TRIPS

Type	No.	Attend.	ATTEND. TOTALS
Auto Caravans			
Hiking Trips			
*			
*			
Total		XXXXX	

*LIST OTHER TYPES AS: BOAT, HORSEBACK, ETC.

LECTURES

Type	No.	Attend.	
Campfire			
Hotel or Lodge			
Museum			
Outside of Park Col. Springs, Col.	2	93	
Special** Women's Club	1	15	
CCC's	1	150	
Total		XXXXX	258

**INCLUDES ALL OTHER TYPES AS: SPECIAL PARTIES, BEARS, ETC.

ATTENDED INTERPRETATIONAL STATIONS

Name of Station	Attend
	XXXXXX

LIST BY NAME AND TYPE AS: YAVAPAI, GLACIER POINT OVERLOOK, ETC.

UNATTENDED INTERPRETATIONAL STATIONS

Name of Station, Nature Trail, etc.	Attend.
	XXXXX

LIST BY NAME AND TYPE AS: FOSSIL FERN TRAILSIDE EXHIBIT, DANTE'S VIEW OVERLOOK, ROCK CREEK NATURE TRAIL, GAMLIN CABIN TRAILSIDE MUSEUM, ETC.

TOTAL CONTACTS 258

BROADCASTS

Station	Subject

TOTAL VISITORS 2,218

PARK NATURALIST C. Max Bauer

MAIL THROUGH REGULAR CHANNELS TO NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE 10TH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF THE NATURALIST DEPARTMENT

FOR

FEBRUARY 1940

I. CURRENT OPERATIONS

A. Public Contact

Visitors: Each Sunday throughout the month there were a few visitors from the local communities principally from nearby towns in Montana.

On February 11 there were about 700 visitors who came because of the advertised Montana Day. Some game for skiing but most of them came to see elk, buffalo, and other animals. At that time we had two telescopes mounted on the road overlooking the country around Hell Roaring in order that the people would be sure to see elk. There were 235 people stopped to enjoy the view of several large bands of elk which could just barely be discerned with the naked eye but many people would not have seen them had it not been for the telescopes.

Lectures: Two lecture trips were carried out during the month of February. The first was by Assistant Naturalist Condon and extended from February 1 to the 15th and was in the Snake River Valley of Idaho. During this period Mr. Condon made 34 talks to a total attendance of 13,186 people. This included school children, civic clubs. rod and gun clubs, and Ricks College Leadership program where Mr. Condon appeared on the 6th, 7th, and 8th of February.

Assistant Naturalist William E. Kearns started out on the 19th of February and returned on the first of March. This trip extended through the Big Horn Basin of Wyoming and also included four days in Casper. He gave a total of 37 talks with showing of movies and stills to a total number of 10,225 people.

Park Naturalist Bauer spoke to a group of people on February 10 at 8:00 p.m. in the Mammoth canteen. Most of these people were visitors who had come to see the wildlife for Montana Day. There were 68 in the group. Colored movies were shown.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

[illegible]

[illegible]

[illegible]

I. [illegible]

A. [illegible]

[illegible]

[illegible]

[

B. Ranger Naturalists:

There were only two vacancies to fill this season as the remainder of the positions were filled by men who have served satisfactorily in past seasons. The selections for the Ranger Naturalist positions were sent in to the Washington Office on Monday February 5. This earlier date for sending in the selections for Ranger Naturalists is in accordance with the wishes of the men themselves and in line with the suggestion of the Director made last year in a memorandum signed by Acting Chief of Operations, J. R. White.

II. PERMANENT PROJECTS:

A. Administration

The Naturalist Department was under the supervision of the Park Naturalist, C. Max Bauer, throughout the month.

Numerous details were taken care of for the preparations for the coming travel season. Our chief concern during the month was to carry on the darkroom work and complete our negative files so far as possible, to organize and put in good condition the lantern slides and kodaslides, to file clippings which had not been filed for sometime, do some editorial work on the Ranger Naturalist manuals, and the preparation of the January-February Nature Notes.

In addition to the lecture trip Mr. Condon made one trip for pictures of the ERA roadside improvement on the road between Mammoth and Gardiner. Mr. Condon also serves as a member of the Board of Survey in Yellowstone and was on duty during the afternoons of February 19, 27, and 28. Other routine and incidental duties involves supervision of the work of the two CCC boys and three ERA girls.

Assistant Naturalist Kearns wrote an article on the materials found in the Montana State Historical Society files for Yellowstone Nature Notes. He also carried on supervision of the darkroom and the other ERA and CCC employees in the museum basement during the part of the month when he was present at Mammoth. On February 4 he conducted the ski game stalk for 24 people in the vicinity of Tower Falls. Elk and coyote were seen along this trip.

2. Energy Resources:

There were only two materials by 1941 [illegible] as the [illegible] of the [illegible] were [illegible] by [illegible] [illegible] [illegible]. The [illegible] for the [illegible] [illegible] [illegible]

Two telescopes, one a 20-power, Bausch and Lomb, the other a 12-power Battery Commander were set up along the road overlooking Hell Roaring region. 235 visitors stopped to see the elk through these telescopes.

Photo by Easton, 2-11-40

Sandwiches and coffee served to the visitors by the Gardiner Commercial Club at the Tower Falls Government mess.

Photo by Easton, 2-11-40

The ski game stalk was begun in January at the suggestion of Mr. Emmert and the Park Naturalist and has been given three different times - once in January and twice in February. Each time 24 or 25 people have taken the trip and have expressed much satisfaction in being able to ski in this manner to see game. However, the last stalk given no elk were seen while on the trip.

B. Nature Notes:

A copy was edited for Nature Notes and stencilled during the first few days of the month but owing to the fact that the Government supply of paper was temporarily exhausted it was necessary to wait until after the close of the month to mail out the edition.

C. Library:

Books in circulation.	17
Books received during February. . . .	10
Indefinite Loan of Books.	15
Magazines received during February. .	23
Pamphlets received during February. .	5

D. Museums:

All museums were closed during the month.

E. Equipment:

50 reprint holders were received during the month from the Western Museum Laboratories at Berkeley, California. Also received on February 5 were six type cases and two cases for Weston Meters.

F. Photographs:

Prints made	792
Enlargements made	461
Prints filed.	none
Negatives filed	none
Rolls and Film Packs developed. . .	7
Copy negatives and positives made .	12

G. Lantern Slides and Kodaslides:

Last month 800 of our lantern slides were put into proper position in the files after having been repaired. 1266 slides this month have been worked over and also properly filed in the cases, making a total number of slides now on hand as 2066. Also we have a card index which gives the title and description of each slide in such a way that they can be checked carefully with our records.

700 kodaslides were used during the month by the two Assistant Naturalists on their lecture trips, and also 10,500 feet of movie film.

H. Publicity Clippings:

Two ERA girls worked about two weeks during the month on the pasting of publicity clippings in our scrap books.

R. Research:

Practically no field work was done during the month on research problems. The Park Naturalist spent about four days reading the Journals of Rudolph F. Kurz which deals with the Indian tribes of the Missouri River and of Old Fort Union at the mouth of the Yellowstone. These Journals have just recently been published in English by the Smithsonian Institute and are of great value in the study of American Indians of the Plains Region.

I. Thermal Activity:

Observations were made during the month of the Mammoth Hot Springs and at Norris Geyser Basin, but no unusual occurrences were noted.

J. Personnel:

Park Naturalist Bauer was on duty all month.

Assistant Naturalist William E. Kearns was on duty all month except 2-3/4 days of annual leave.

Assistant Park Naturalist David de Lancey Condon was on duty all month.

4. Lumpen Elite and Radicals:

Last week, 600 of our Lumpen Elite men got into trouble [illegible] in the Elite Active Service Unit [illegible]. [illegible] Elite Unit [illegible] Elite Unit [illegible] Elite Unit

Clerk-Stenographer LeRoy Van Cott was on duty all month except 1/2 day sick leave taken on February 13.

ERA darkroom technicians Elmer Toffer and Peyton Moncure were on duty for the period assigned to them.

The ERA stenographers worked their entire period during the month.

During the month two CCC enrollees were assigned to the museum. They are Mike Rackish and Frank Benkowski. Frank has been assisting on the slides and other work and Mike has been cleaning up the type in the type cases and sorting out same in preparation for making some labels, etc. Both fellows were on duty throughout the month.

Respectfully submitted,

C. Max Bauer,
Park Naturalist.

CC: Director
Russell
Regional Director, II
Bumpus
File
Museum
CMB:LVC

MONTHLY STATISTICAL REPORT OF INTERPRETATIONAL CONTACTS

Yellowstone National Park
Name of Area

Personnel Engaged in Interpretative Activities

February 1940
Month

	Naturalist	Custodian	Other
Permanent	3		
Temporary			

Year

CONDUCTED TRIPS

Type	No.	Attend.	ATTEND. TOTALS
Auto Caravans			
Hiking Trips			
*			
*			
Total		XXXXX	

*LIST OTHER TYPES AS: BOAT, HORSEBACK, ETC.

LECTURES

Type	No.	Attend.	
Campfire			
Hotel or Lodge			
Museum			
Outside of Park Lecture trips to	71	23,411	
Special** Idaho and Wyoming			
Mammoth Canteen by Dr. Bauer	1	68	
Total		XXXXX	23,479

**INCLUDES ALL OTHER TYPES AS: SPECIAL PARTIES, BEARS, ETC.

ATTENDED INTERPRETATIONAL STATIONS

Name of Station	Attend.
	XXXXXX

LIST BY NAME AND TYPE AS: YAVAPAI, GLACIER POINT OVERLOOK, ETC.

UNATTENDED INTERPRETATIONAL STATIONS

Name of Station, Nature Trail, etc.	Attend.
	XXXXX

LIST BY NAME AND TYPE AS: FOSSIL FERN TRAILSIDE EXHIBIT, DANTE'S VIEW OVERLOOK, ROCK CREEK NATURE TRAIL, GAMLIN CABIN TRAILSIDE MUSEUM, ETC.

TOTAL CONTACTS 23,479

TOTAL VISITORS 1,523

BROADCASTS

Station	Subject

PARK NATURALIST C. Max Bauer

MAIL THROUGH REGULAR CHANNELS TO NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE 10TH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

REPORT OF THE NATURALIST DEPARTMENT

FOR

MARCH 1940

I. CURRENT OPERATIONS

A. Public Contact

Visitors: Due to the mild winter and small amount of snow during March the road was open continuously from the North Gate through Mammoth Hot Springs to Tower Falls and up to Cooke City. Each week end a few cars came in for skiing in the vicinity of Tower Falls and on the slopes of Mt. Washburn.

On March 15 the road was open through to West Yellowstone and has been open for travel from the North Entrance through Norris, Madison Junction, and to West Yellowstone since that time. On March 24 nearly 1500 people came into the Park to attend the Easter Sunrise Song Service which was held on the Mammoth terraces. An electric orgatron was rented from the Barber Music House of Great Falls for this occasion. The day was sunny and bright and the services were considered very successful.

Lectures: The Park Naturalist gave an illustrated lecture for the Rocky Mountain Sportsmen's Club in Butte, Montana on March 9. There were about 550 people present including the Lieutenant Governor, Mr. Adair.

On March 20 the Park Naturalist gave a talk on Conservation to the Yellowstone Women's Club. 28 were present at this meeting. This was illustrated by both kodachrome slides and kodachrome movies.

B. Ranger Naturalists:

Appointments were received for 20 Ranger Naturalists by the 8th of March and all of the men have been notified of their appointments and advised to make preparation for the coming season.

4477

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Chorus and organ at the Easter Sunrise Song Service at Yellowstone Park, March 24, 1940

Photo by E. Toffer

II. PERMANENT PROJECTS:

A. Administration

The Naturalist Department was under the supervision of the Park Naturalist, C. Max Bauer, throughout the month.

Numerous conferences were held with Mr. Emmert and Mr. LaNoue, and a Department Head meeting was held on March 18 discussing the Preliminary Estimates for 1942 and appropriations for 1941, also budgeting of accounts from now until July 1.

Assistant Natraulist David Condon has been on leave since the morning of March 16 and Assistant Naturalist Kearns has been on leave since the morning of March 27. Both of these men carried on their usual work up to the time they went on leave.

The Park Naturalist has taken care of considerable correspondence during the month and has reviewed a geological paper on the Southern Margin of the Absaroka Range in Montana and Wyoming by J. D. Love, which paper contained considerable geological information relating to Yellowstone Park. He also submitted a paper to the Journal of Geology discussing the same subject and attempting to point out the errors of Mr. Love's report.

He has also reviewed a manuscript copy of "The Early History of Yellowstone National Park" by W. Turrentine Jackson. This latter paper, a bound copy of which has been deposited in the Yellowstone Library, contains the most complete historical account of Yellowstone Park region from 1800 to 1872 that is in existence at the present time. It contains many references to source material as well as secondary material.

Park Naturalist Bauer has also read the Journals of Rudolph Frederich Kurz at odd moments and supervised the work of the ERA and the work on Place Names which is being carried on in the museum.

B. Nature Notes

No work was done on Nature Notes during the month of March except the addition of a few names on the mailing list.

12. [illegible]

A. [illegible]

The Secretary Department has under the supervision of the [illegible] in the Secretary, [illegible] the [illegible].

[illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible], and a Department [illegible] [illegible] [illegible] [illegible] [illegible] the [illegible] [illegible] [illegible] [illegible] [illegible]

Part of the crowd of 1500 who attended the Easter Sunrise Song Service at Yellowstone Park, March 24, 1940

Photo by L. Toffer

C. Library:

Miss Margaret Cornelius was employed during the month of March by the Yellowstone Library and Museum Association. During this time she checked the shelf list in the Library and assisted Mr. Stewart in the preparation of the card catalogue on Place Names.

The library statistics are as follows:

Books in circulation.	11
Books received during March	9
Indefinite Loan of Books.	3
Magazines received during March . .	21
Pamphlets received during March . .	10

D. Museums:

All museums were closed during the month.

E. Equipment:

1 16mm Kodak enlarger was purchased by the Yellowstone Library and Museum Association for obtaining negatives from 16 mm. frames for enlargements.

F. Photographs:

Prints made	250
Enlargements made	209
Prints filed.	none
Negatives filed	none
Rolls and Film Packs developed. . . .	6
Copy negatives and positives made . .	20

G. Lantern Slides and Kodaslides:

The lantern slide file is now complete and the card index is also complete.

Some of the kodaslides have been arranged in the new file and this work will be carried on untilthe kodaslides are also completely arranged and indexed.

During the month of March260 kodaslides have been used, and 1600 feet of movie film.

C. Library:

Most surgeret [illegible] was explored during the month of March by the Tallinstone Library and Museum Association. Twenty this time also checked the shelf list in the library and assisted Mr. Stewart in the preparation of the card catalogue on Fire Room.

The library statistics are as follows:

Books in circulation.	11
Books received during March	8
Cataloguing [illegible] of books.	1
Magazines received during March . .	27
Pamphlets received during March . .	12

D. Museum:

All museum were closed during the month.

E. Equipment:

1 item gated [illegible] was purchased by the Tallinstone Library and Museum Association for [illegible] negatives from 10 mm. Frames for enlargements.

F. Photographs:

Prints made	[illegible]
Enlargements made	[illegible]
Prints filed.	[illegible]
Negatives filed	[illegible]
Balls and film [illegible] developed. . . .	[illegible]
Copy negatives and positives made . .	[illegible]

G. Lantern Slides and Photoslides:

The Lantern Slide file is now complete and the card index is also complete.

Some of the [illegible] have been arranged in the new file and this work will be carried on [illegible] are also completely arranged and [illegible].

During the month of [illegible] [illegible] have been [illegible], and [illegible] feet of movie film.

H. Publicity Clippings:

The two ERA girls finished pasting the publicity clippings so that this project is now current.

R. Research:

Several trips in the field were made during the month by the Park Naturalist and his assistants to secure observations and obtain photographs in connection with researdh work which is being carried on.

I. Thermal Activity:

Observations of the Norris Geyser Basin during March indicate that the activity is much greater now than it usually is during the summer.

The impression that most visitors get from the hot springs and geysers at this time of the year varies considerably. Usually the report is that they are not as beautiful as they are in the summer because there is so much steam that obscures the view of the geyser itself.

J. Personnel:

The Park Naturalist, C. Max Bauer, was on duty all month except March 25 and 26 during which days he was on annual leave.

Assistant Park Naturalist William E. Kearns was on duty all month except the last four days of the month, when he was on annual leave.

Assistant Park Naturalist David de Lancey Condon was on duty up until the end of March 15. From the 16th to the end of the month he was on annual leave.

Clerk Stenographer LeRoy Van Cott was on duty all month with the exception of 4 hours on March 9 and 6 hours on March 28.

ERA darkroom technicians Elmer Toffer and Peyton Moncure were on duty for the period assigned to them.

ERA stenographers Mary Jane Perry and Phylis Mauritson were on duty during the first part of the month up to the close of the time assigned to them.

2. Mobility Criterion:

The two [illegible] Tactical [illegible] the mobility criterion as that which [illegible] is the [illegible].

3. Drawing:

Several [illegible] to the [illegible] [illegible] the [illegible] [illegible] [illegible]

CCC enrollee Mike Rakish who has been working on sorting type and preparing labels was quarantined along with Camp 535 during the month.

Clyde Stewart, employed by the Yellowstone Library and Museum Association has continued his work on Place Names throughout the month of March and has been assisted by Margaret Cornelius who was also employed during the month of March by the Yellowstone Library and Museum Association.

Respectfully submitted,

C. Max Bauer

C. Max Bauer,
Park Naturalist.

cc: Director
Russell
Regional Director, II
Bumpus
File
Museum
CMB:LVC

cc: Director
Russell
Regional Director, II
Bumpus
File
Museum
CMB:LVC

MONTHLY STATISTICAL REPORT OF INTERPRETATIONAL CONTACTS

Yellowstone National Park
Name of Area

Personnel Engaged in Interpretative Activities

	Naturalist	Custodian	Other
Permanent	3		
Temporary			

March
Month

1940
Year

CONDUCTED TRIPS

Type	No.	Attend.	ATTEND. TOTALS
Auto Caravans			
Hiking Trips			
*			
*			
Total		XXXXX	

*LIST OTHER TYPES AS: BOAT, HORSEBACK, ETC.

LECTURES

Type	No.	Attend.	
Campfire			
Hotel or Lodge			
Museum			
Outside of Park Butte, Montana	1	550	
Special** Women's Club Yellowstone	1	28	
Total		XXXXX	578

**INCLUDES ALL OTHER TYPES AS: SPECIAL PARTIES, BEARS, ETC.

ATTENDED INTERPRETATIONAL STATIONS

Name of Station	Attend.
	XXXXXX

LIST BY NAME AND TYPE AS: YAVAPAI, GLACIER POINT OVERLOOK, ETC.

UNATTENDED INTERPRETATIONAL STATIONS

Name of Station, Nature Trail, etc.	Attend.
	XXXXX

LIST BY NAME AND TYPE AS: FOSSIL FERN TRAILSIDE EXHIBIT, DANTE'S VIEW OVERLOOK, ROCK CREEK NATURE TRAIL, GAMLIN CABIN TRAILSIDE MUSEUM, ETC.

TOTAL CONTACTS 578

BROADCASTS

Station	Subject

TOTAL VISITORS 2939

C. Max Bauer
PARK NATURALIST C. Max Bauer

MAIL THROUGH REGULAR CHANNELS TO NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE 10TH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

ADDENDUM FOR THE MONTHLY REPORT OF THE NATURALIST DEPARTMENT

Yellowstone Park March 1940

We received the memorandum of Dr. Russell, Supervisor of Research and Information, requesting that a section of the Monthly Report be devoted to projects planned for the ensuing month but did not have it in time to incorporate this paragraph in our regular monthly report. However, it will be added to it.

During the month of April we plan first to issue another number of Yellowstone Nature Notes. This will require about a day for editorial work, about two days for illustrations, another day for stencilling and putting it into shape for mimeographing. Since both Assistant Naturalists are away at this time, the work will be done by the Park Naturalist and the Clerk Stenographer. The issue is mailed out to about 475 addresses at the present time.

The Park Naturalist will spend considerable time at the Ranger Conference on Fire Prevention and Suppression which will last from April 8 to April 20. Assistant Naturalist Condon will be back at that time and is scheduled to give a course in first aid for the rangers and other officials attending this conference and will require about three hours each afternoon for 10 days. Mr. Condon is well prepared to carry on this work.

The present job of completing our card file on Place Names of Yellowstone Park is just about finished. It now includes over 1900 names, many of which are obsolete but are included so that reference can be made to the correct name. This card file contains references to the earliest printed record of names and every name has a reference except a very few.

The ERA photographic project is being continued and consists of making prints for the files that have been lost, getting out routine material for the Departments and also looking for new material for publicity and slides.

Plans for opening the museums and getting paths through the snow and quarters for the Ranger Naturalists will be made. Also several memoranda will be issued to Ranger Naturalists for their instructions during the coming month.

In addition to the above we are planning our putting our kodaslide collection in as good condition as our lantern slides so that every kodaslide will have a card and be properly indexed and placed in the case. We also have considerable correspondence to take care of each month.

C. Max Bauer,
Park Naturalist.

[illegible] THE 3RD [illegible] BENEFIT BY THE [illegible] [illegible]

Tallahassee Park [illegible] [illegible]

The Physical Education [illegible] of Dr. [illegible], Director of [illegible] and Intramurals, reported that a number of the [illegible] [illegible] to be [illegible] to participate [illegible] the [illegible] [illegible] [illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DEPARTMENT

FOR

APRIL 1940

I. CURRENT OPERATIONS

A. Public Contact

Visitors: Due to the fact that the roads were open from the North gate through Mammoth Hot Springs, Norris, Madison Junction, and to West Yellowstone there has been some travel in the Park during the month most of which has been local. A few cars probably 12 to 15 daily have been noted which are from states at some distance.

On April 20 Professor George Kelker brought a party of 16 students of wildlife into the Park and spent three days here having the assistance of the Naturalist Department in their study of wildlife. Mr. Condon was with them one whole day and parts of others.

Lectures: During his vacation Mr. Condon gave 5 lectures to a total of 372 people in the vicinity of Provo, Utah.

B. Ranger Naturalists:

Some literature was sent to ranger naturalists and a memorandum was sent out on the general instructions.

II. PERMANENT PROJECTS:

A. Administration

The Naturalist Department was under the supervision of the Park Naturalist, C. Max Bauer, throughout the month.

The fire school and conference put on by the Ranger Department and Foresters of the National Park Service began on

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

[illegible] of the Superintendent [illegible]

[illegible]

April 1940

I. [illegible]

A. [illegible]

[illegible]: [illegible] [illegible] [illegible]

April 8 and extended to April 20. This was largely for the rangers but certain sessions were attended by the Park Naturalist and by the Assistant Park Naturalists. Other conferences were held for the Department heads on safety and budgeting the funds for the remainder of the Fiscal Year.

Plans for the coming season were made by the Park Naturalist and in conference with the Assistant Park Naturalists.

Assistant Naturalist David Condon was called on to give a course in first aid instruction to the fire school attendants and gave a very excellent course in which 29 received the award of the Red Cross. Mr. Condon has also carried on most of the supervision of the ERA this month.

Assistant Naturalist Kearns has done some photographic work and supervision of the photographic laboratory but has been absent on leave for mostof the month.

B. Nature Notes

The March-April issue of Nature Notes was mailed out to about 480 people on April 15.

C. Library

Books in circulation	9
Books received during April.	6
Indefinite Loan of Books	3
Magazines received during April. . . .	18
Pamphlets received during April. . . .	5

D. Museums:

All museums were closed during the month.

E. Equipment

No new equipment was received during the month.

F. Photographs:

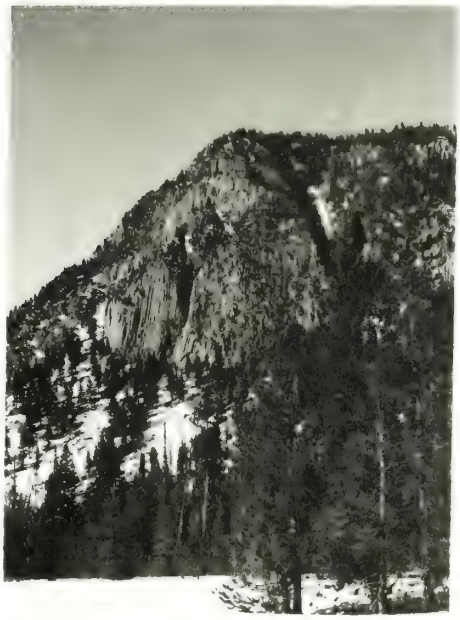
Prints made	565
Enlargements made	126
Prints filed.	500
Negatives filed	500
Rolls and Film Packs developed. . . .	6
Copy negatives and positives made . .	7
Cut films developed	10

Hayden Valley
looking north
toward the
Washburn Range.

Photo by Bauer

Mount Jackson at
Madison Valley

Photo by Bauer



G. Lantern Slides and Kodaslides:

No lantern or kodaslides were used during the month.

The work on the arranging and indexing of the kodaslides is being carried forward

H. Publicity Clippings:

Our publicity clippings was current last month, but no work was done on them during the month of April.

R. Research:

Several trips into the field were made by the Park Naturalist and Assistant Naturalist Condon to observe the early migration of swan and to study the volcanic breccias in Soda Butte Valley. The first of these research studies has been carried on by Mr. Condon and the second by Dr. Bauer as time permits.

I. Thermal Activity:

It has been noted by several observers that the algal coloring of the hot springs at Mammoth and in other places of the Park becomes more vivid during the spring and summer. While the algae continues to grow during the winter the long periods of cloudy weather do not seem to assist in giving the variety of colors which are evident during the spring and summer. As soon as the longer days come when there is more sunlight the brighter pinks and yellows become more evident.

Temporary Ranger Eugene Young observed a very violent eruption of the bottomless pit which is very near the Chain Lakes in the Upper Geyser Basin. Several years ago this was known to erupt a number of times during the tourist season and actually washed the roadside ditch considerably and even the approach to the Firehole bridge at this place. If it continues to put on these eruptions it may do some damage to the road again as it floods directly towards it.

J. Personnel:

The Park Naturalist, C. Max Bauer, was on duty all month except two days annual leave on April9 and 10.

6. Lantern Slides and Bandslides:

No lantern or bandslides were used during the month.

The work on the arranging and labeling of the bandslides is being carried forward.

7. Publicity Slippings:

The publicity slippings was carried last month, but no work was done on them during the month of April.

8. Research:

Several trips into the field were made by the Park Naturalist and Assistant Naturalist [illegible] to observe the early migration of some and to study the [illegible] Bethe Valley. The first of these [illegible] was been carried on by Dr. [illegible] and was [illegible] by Dr. [illegible] at this [illegible].

9. Thermal Activity:

It has been noted by several observers that [illegible] coloring of the [illegible] at [illegible] in other [illegible] of the Park because more [illegible] during the spring and summer. While the algae continues to grow during the winter the long periods of cloudy weather do not seem to assist in [illegible] the variety of colors which are [illegible] during the spring and summer. As soon as the longer days come when there is more sunlight the brighter [illegible] and yellow [illegible] were [illegible].

Temporary Ranger Dorsey Trump observed a very violent eruption of the [illegible] pit which is very near the [illegible] to the Upper Dorsey Basin. Several years ago this was known to erupt a number of times during the [illegible] season and actually washed the roadside [illegible] and even the approach to the [illegible] at this place. If it continues to put on these eruptions it may be [illegible] to the road again as it [illegible] directly towards it.

10. Personnel:

The Park Naturalist, Dr. [illegible], was on duty all month except two days annual leave on April and [illegible].

Assistant Park Naturalist David Condon was on duty all month except the first six days when he was on leave.

Assistant Park Naturalist William E. Kearns was on leave from April 1 to April 8 inclusive when he returned to duty on the 9th and then took leave again on April 21 to the end of the month.

Clerk Stenographer, LeRoy Van Cott, was on duty all month except from April 26 to the 29th when he was on leave.

ERA stenographers May Jane Perry, Phyllis Mauritson, and Margaret Cornelius were on duty during the month for the period assigned to them. ERA darkroom technicians Elmer Toffer and Peyton Moncure were on duty for the period assigned to them. ERA artist Walt J. Mead was on duty for the period assigned him.

No CCC enrollee has been assigned to the museum this month. Mike Rakish who was in the museum for about a month was taken for a leader job early in April.

Clyde Stewart, employed by the Yellowstone Library and Museum Association on the compilation of a card file on Place Names completed his work on the 6th of April.

PROPOSED OUTLINE OF WORK TO BE DONE IN MAY:

The Tri-State Yellowstone Civic Club has promoted travel for May 4 and 5 into Yellowstone Park and since the North Entrance, West Entrance, East Entrance, and South Entrance will be open it is expected that if the weather is reasonably good we will have two or three thousand people in the Park on those days. The Governors of Wyoming, Idaho, and Montana will probably be present at a picnic lunch at Old Faithful on the 5th of May, hence the permanent naturalist staff will be on hand and the museum desk will be open on that day.

It is planned to bring on one Ranger Naturalist on May 11 and probably another about the 18th of May mainly to assist in protection work and to answer questions in the Upper Geyser Basin where most of the early travel is concentrated

The permanent naturalists will have the job of shovelling out several of the museums and preparing the quarters and so forth for the opening of the season which will come early in June.

[illegible]

[illegible]

[illegible]

Tents will be used at Tower Falls and West Thumb for Ranger Naturalists again this season but small cabins have been donated to the Park Service by the Lodge Company for use at Mammoth, Tower Falls, and Lake so that considerable time will have to be spent in getting these quarters ready for the season.

Park Naturalist Bauer plans to continue getting kodaslides of early spring flowers and to study the volcanic breccia as time and weather permits.

Assistant Naturalist Kearns will doubtless be busy on the preliminary plans for exhibits at the Madison Junction Museum.

Assistant Naturalist Condon will spend two or three days each week in the observation of swans and their ecological relationships.

Respectfully submitted,

C. Max Bauer,
Park Naturalist.

cc: Director
Russell
Regional Director, II
Bumpus
File
Museum
CMB:LVC

MONTHLY STATISTICAL REPORT OF INTERPRETATIONAL CONTACTS

Yellowstone National Park
Name of Area

Personnel Engaged in Interpretative Activities

	Naturalist	Custodian	Other
Permanent	3		
Temporary			

April
Month

1940
Year

CONDUCTED TRIPS

Type	No.	Attend.
Auto Caravans		
Hiking Trips		
*		
*		
Total		XXXXX

ATTEND. TOTALS

*LIST OTHER TYPES AS: BOAT, HORSEBACK, ETC.

LECTURES

Type	No.	Attend.
Campfire		
Hotel or Lodge		
Museum		
Outside of Park Provo, Utah	5	372
Special**		
Total		XXXXX

372

**INCLUDES ALL OTHER TYPES AS: SPECIAL PARTIES, BEARS, ETC.

ATTENDED INTERPRETATIONAL STATIONS

Name of Station	Attend
	XXXXXX

LIST BY NAME AND TYPE AS: YAVAPAI, GLACIER POINT OVERLOOK, ETC.

UNATTENDED INTERPRETATIONAL STATIONS

Name of Station, Nature Trail, etc.	Attend.
	XXXXX

LIST BY NAME AND TYPE AS: FOSSIL FERN TRAILSIDE EXHIBIT, DANTE'S VIEW OVERLOOK, ROCK CREEK NATURE TRAIL, GAMLIN CABIN TRAILSIDE MUSEUM, ETC.

TOTAL CONTACTS 372

TOTAL VISITORS 4,004

BROADCASTS

Station	Subject

PARK NATURALIST C. Max Bauer

MAIL THROUGH REGULAR CHANNELS TO NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE 10TH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DEPARTMENT

FOR

MAY 1940

I. CURRENT OPERATIONS

A. Public Contact

Visitors: The total visitors to the Park up to the end of May was 51% above last year. In order to assist in patrolling the Upper Geyser Basin and in giving information to the public Ranger Naturalist George Marler was placed on duty on May 13. Ranger Naturalist Bernarr Bates was signed up on May 24. These men contacted a large number of visitors especially on week ends. The report is included herewith.

Lectures: Assistant Park Naturalist Kearns gave a lecture on May 13 on "Your Responsibilities and Opportunities in Yellowstone National Park" to CCC Company 544. 168 were present. He also gave the commencement address to the graduates of the local school on May 23. 65 were present.

Assistant Park Naturalist David Condon lectured to Camp 535 on May 10 with an attendance of 170 persons. The Gardiner High School was taken on a hike over the Mammoth Hot Springs Terraces. 27 were in attendance. A lecture on Yellowstone Park to the Yellowstone Park Company employees at Old Faithful was given on May 9. There were 147 in attendance.

Park Naturalist C. Max Bauer gave a public lecture for the Gardiner Commercial Club dinner on May 14. There were 105 present.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

Northeast corner of the museum darkroom with [illegible] photographic technicians
Peyton Moncure and Elmer Toffer checking a print
May 10, 1940

Photo by William [illegible] Rogers

B. Ranger Naturalists:

The two ranger naturalists were brought on to the work as indicated above and memoranda were sent out on the preseason activities and also on the station assignments for this coming season.

II. PERMANENT PROJECTS:

A. Administration

The Naturalist Department was under the supervision of the Park Naturalist C. Max Bauer throughout the month.

For a number of years the Naturalists at Mammoth, Tower Falls, Canyon, Fishing Bridge, and West Thumb have been living in tents. The situation had become rather bad and because of the need for better sanitation and better quarters we have made arrangements this month to place two-room cabins for the naturalists at Mammoth, Canyon, and Fishing Bridge. These cabins were secured from the Yellowstone Park Company and were removed from the lodge at Mammoth Hot Springs and placed in suitable locations to give naturalist quarters for the above mentioned places. The Park Naturalist spent some time in planning the locations and the placing of cabins and getting them prepared for the coming season.

The supervision of the opening of the various museums was carried on and the details were turned over to Assistant Naturalist Condon.

Assistant Naturalist Kearns spent most of the month in completing plans for the revision of the Madison Junction Museum. He is also in charge of sales publications and the photographic dark room. He made field trips to the various points indicated below as follows:

May 7 to Fishing Bridge Museum
May 10 to Madison Junction Museum
May 18 to Madison Junction Museum
May 20 to Beaver Lakes
May 22 to Lower Soda Butte Creek to observe water fowl and take pictures
May 27 to assist in releasing trapped Grizzly and to take pictures

2. Major Specialists:

The two major specialists were brought in to do work as indicated above and generally work well in the preparation activities and also in the start-up activities for this senior seminar.

II. Problems Encountered:

A. Administration

The Selection Committee had only the responsibility of the part assigned to Mr. Moser throughout the month.

For a number of years the directors of Secondary, Teen Talk, Dayton, Public Service, and Sam Jones Jump Shop Stores in Dayton. The attention has become rather hot and heavy of the need for better leadership in these centers as have been experiencing this until it is time somewhere under the extremities of Secondary, Dayton, and Public Service. These areas have changed from the Talismanian part Tongue and have received the Judge as Manager for Dayton and Public Service Stations to give materially centers for the store were visual plans. The only difficulty which this time is planning the location and the display of units and getting them prepared for the social events.

The supervision of the opening of the majority of the areas was carried on and the details were turned over to Assistant Managerial Talisman.

Assistant Managerial Tongue spent most of the month in supplying them for the training of the Selection Committee. He is also in charge of the publicity and the photographic work. He also plays a role in the various public relations jobs as follows:

May 7 - Mr. Planned Bridge Banquet.
May 10 - Mr. Publicity Planning Meeting
May 13 - Mr. Publicity Planning Meeting
May 20 - Mr. Dayton Alumni
May 22 - Mr. Dayton Sam Jones Jump Shop Opening
Date TBA - Mr. Dayton Planning
May 27 - Mr. Publicity Planning Meeting
Date TBA - Mr. Dayton

Assistant Park Naturalist Condon has been assigned the details of getting quarters ready for the Ranger Naturalists, opening of the museums, and the care of Department property. He is also carrying on observations of Trumpeter Swans. He took trips into the field on May 2, 4, 5, 8, 13, 15, 17, 20, 22, 24, 28, and 29.

At the call of the President, Mr. T. Paul Wilcox, the Board of Directors of the Yellowstone Library and Museum Association had a special meeting on May 9 at 10:00 a.m. All members of the Board were present including the Chairman, T. Paul Wilcox, Superintendent Rogers, Messrs. Haynes, Emmert, Kearns, Joffee, Flint, and Dr. Bauer. Mr. David Condon was invited to be present as a visitor. The meeting consisted of a general report of the Association during the winter and plans for the development of a Fellowship to promote research in Yellowstone Park. Mr. Kearns took notes on the meeting and prepared the minutes for the Secretary's book.

B. Nature Notes

No work was done on Nature Notes during the month of May.

C. Library

Books in circulation	15
Books received during May.	8
Indefinite Loan of Books	0
Magazines received during April. . .	23
Pamphlets received during May. . . .	10

D. Museums

Old Faithful Museum was opened from May 12 on through the end of the month.

The floor in the Mammoth Museum was cleaned, waxed, and polished in preparation for the season.

E. Equipment

No new equipment was received during the month.

Photographic copies of Moran's water color sketches of the Grand Canyon of the Yellowstone showing Canyon detail and Lower Falls of the Canyon.

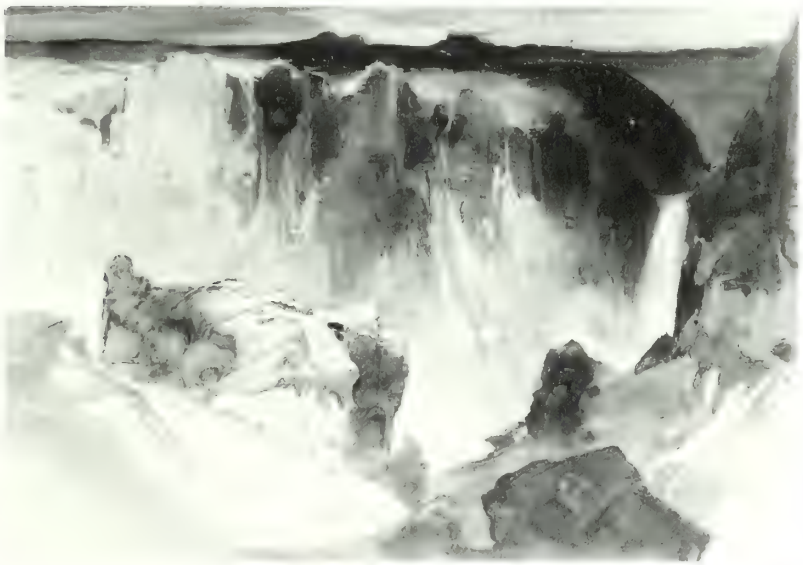


Photo copies by William [illegible]

F. Photographs:

Prints made	476
Enlargements made	341
Prints filed.	2000
Negatives filed	1700
Rolls and film packs developed. . .	14
Copy negatives and positives made and cut films developed	20

G. Lantern Slides and Kodaslides:

Some work was done on the arranging of the Kodaslides and the work of indexing was carried forward.

4800 feet of colored movie film during the month was used to illustrate the various lectures given.

H. Publicity Clippings:

No work was done on our publicity clippings during the past month.

I. Thermal Activity

It was decided this past year that the monthly report would carry only those unusual things that might occur in the various thermal basins of the Park. Since there are no unusual things to report in connection with the geysers and hot springs this part of the report will be rather short.

However, it is to be noted that a number of small earthquake shocks were felt at Old Faithful. The most pronounced of these occurred on Friday, May 17 during which time six small shocks beginning at 4:30 a.m. and continuing until 2:10 p.m. were observed. No effect on the geysers was noted.

R. Research:

Assistant Naturalist Kearns continued the checking of historical data on the Madison Junction historical museum.

7. Conclusion:

Prints made	125
Educational Data	90
Photos filed	90
Questions filed	2000
Radio and film scripts developed . .	2100
Other suggestions and questions dealt with and not filed developed	30

8. Lessons Gained and Conclusions:

[illegible]

[illegible]

9. Future Plans:

[illegible]

10. Overall Analysis:

[illegible]

11. Summary:

[illegible]

Photographic copies of water color sketches made by Thomas Moran of the Lower Falls of the Canyon and detail of the Canyon Wall

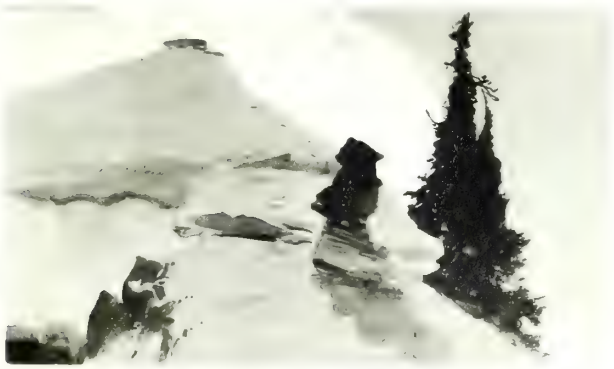


Photo copies by William [illegible]

Some work on the space requirements for the proposed Headquarters Museum at Mammoth Hot Springs has been done and will be carried on until preliminary plans are made.

Assistant Naturalist Condon made 12 field trips into the Park, each time some opportunity was presented to make some observations on swan. To date only four nesting pairs have been located.

A large flock of northern Phalarope were observed by Mr. Condon on Beach Springs Lagoon and moving pictures were taken of them. This is a rather unusual item as Northern Phalarope are not supposed to migrate in large flocks. It was estimated that more than 500 birds were in this flock.

A four-page article discussing the geology of the Southern Margin of the Absaroka Mountains from a paper written by John David Love and published by the Geological Society of America appeared in the May-June issue of the Journal of Geology. This discussion was prepared by Park Naturalist Bauer to clarify and correct some of the errors in Love's paper. It deals with some important events in the geologic history in the Middle Rocky Mountains and has a bearing upon the geologic history of Yellowstone Park.

J. Personnel:

Park Naturalist C. Max Bauer was on duty all month.

Assistant Park Naturalist William E. Kearns was on duty all month except 3-1/2 days annual leave from May 1 to May 4 at noon, and sick leave from May 28 at 2:00 p.m. to the end of the month.

Assistant Park Naturalist David Condon was on duty all month.

Clerk Stenographer LeRoy Van Cott was on duty all month except 1/2 day sick leave on May 1, and annual leave from May 25 to the 31st.

ERA darkroom technicians Elmer Toffer and Peyton Moncure were on duty for the period assigned to them.

Some work on this sports complexes for the proposed Dunkerque-Ham Estate at Jarrow for Jarrow Tyne Valley and will be carried in until preliminary plans are made.

Allerton Borough Council have said it will trim the site for, when this case successfully and planning is now allocations on years. It has only two months plans have been invited.

A large flock of northern Dalbarge were observed in the Cooden on Sunday October lapwing and merlin winter were taken of them. This is a rather unusual for so southern Dunlings are not supposed to migrate in Sussex Cooden. It was noticeable that more than 100 birds were in this flock.

A Dunlings article commenting the results of the Southern Energy of the Lambrige Dunlings from a paper written by John Dunlin. Jerr and published by the Scottish Society of Lambrige Dunlings in the Dunlings Journal of the Journal of Dunlings. This Dunlings is generally to very potentially being to clearly and correct some of the errors in Jarrow paper. It lists with four important errors in the Dunlin history in the British Dunlings Dunlings and has a bearing upon the Dunlin history in Dunlingtown Dunlin.

4. Fenwick

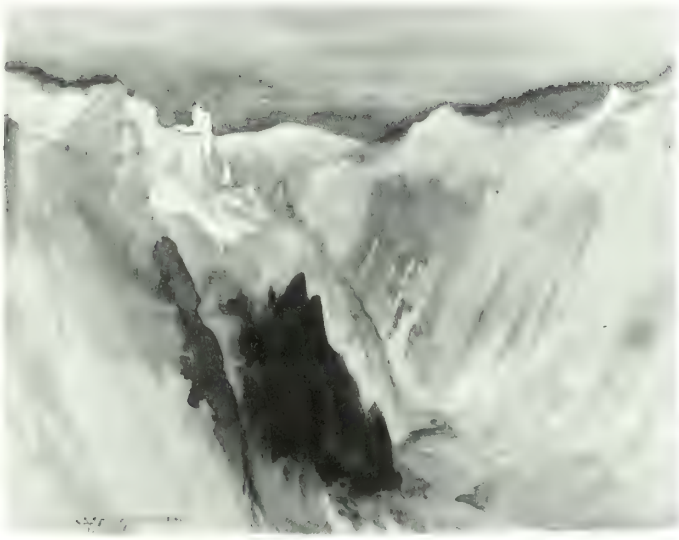
Tern Dunlinlist is the Dunlin was on duty all month.

Dunlinlist Park Dunlingtin Dunlins in Dunlin was on duty all month. Among 3-12 Dun summer Dunlin from July 1 to Aug 1 at Dunlin, and also Dunlin from July 20 at Dun Park to Aug and at the month.

Dunlinlist Park Dunlingtin Dunlin Dunlin was on duty all month.

Dunlin Dunlingtin Dunlin Dun Park was on duty all month among 3/8 Dun Dunlin on Dun 1, and Dunlin Dunlin from Dun 20 to the Park.

The Dunlinlin Dunlinlin Dunlin Dunlin- all Dunlin Dunlin were on duty for the Dunlin Dunlinlin to Dunlin.



Photographic copies of Moran's water color sketches showing detail in the Grand Canyon of the Yellowstone

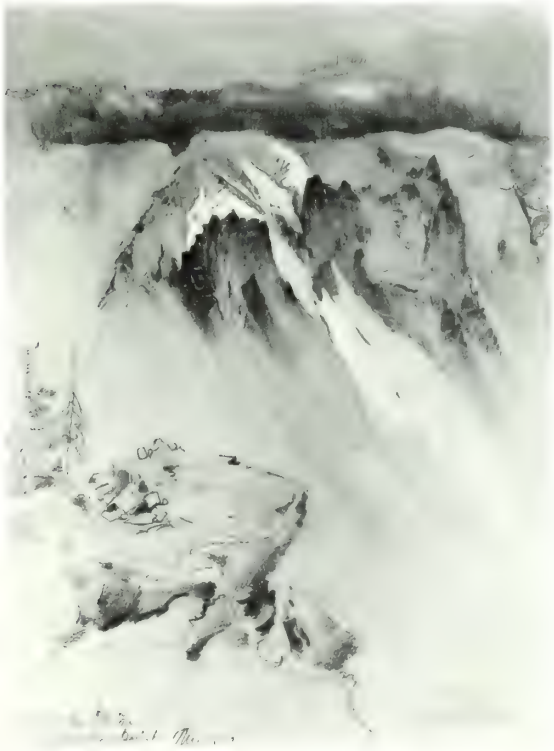


Photo copies by William T.

ERA stenographers May Jane Perry, Phyllis Marutson, and Margaret Cornelius were on duty during the month for the period assigned to them.

ERA artist Walt Mead was on duty until May 14.

PROPOSED OUTLINE OF WORK TO BE DONE IN JUNE:

The month of June will be a busy one because of the entrance on duty of many of the Ranger Naturalists, the opening of the museums, and starting of the summer programs.

We are now planning the pre-season activities which is in reality a training school for the ranger naturalists and temporary rangers. This will begin on June 13 and close on the evening of June 15. During these three days the men are taken on a grand loop trip and the various phases of their work are discussed so that they become familiar with the Park and the work expected of them at the same time. Each one of the permanent staff including several of the Assistant Chief Rangers have certain subjects assigned to them for discussion and exposition.

The cabins which are now placed for the ranger naturalists will have to be repaired and stoves, beds, tables, chairs, and other equipment placed therein so that they will be available for the incoming men.

We have authorizations for two more ranger naturalists after the first of July so that during July and August of this year we will have 22 ranger naturalists.

Respectfully submitted,

C. Max Bauer,
Park Naturalist.

cc: Director
Russell
Regional Director, II
Bumpus
File
Museum
CMB:LVC

cc: Director
Monetti
Regional Director, II
Moscoso
Ortiz
Gibson
JMB:ct

MONTHLY STATISTICAL REPORT OF INTERPRETATIONAL CONTACTS

Yellowstone National Park
Name of Area

Personnel Engaged in Interpretative Activities

	Naturalist	Custodian	Other
Permanent	3		
Temporary	2		

Month: May
Year: 1940

CONDUCTED TRIPS

Type	No.	Attend.	ATTEND. TOTALS
Auto Caravans			
Hiking Trips	2	227	
*			
*			
Total		XXXXX	227

*LIST OTHER TYPES AS: BOAT, HORSEBACK, ETC.

LECTURES

Type	No.	Attend.	
Campfire			
Hotel or Lodge (Old Faithful)	1	127	
Museum			
Outside of Park			
Special** CCC Camps 535 & 544	2	338	
Local school	1	65	
Total		XXXXX	530

**INCLUDES ALL OTHER TYPES AS: SPECIAL PARTIES, BEARS, ETC.

ATTENDED INTERPRETATIONAL STATIONS

Name of Station	Attend.	
Old Faithful Museum	2450	
Old Faithful Cone Count	2400	
Old Faithful Basin Contacts	600	
	XXXXXX	5450

LIST BY NAME AND TYPE AS: YAVAPAI, GLACIER POINT OVERLOOK, ETC.

UNATTENDED INTERPRETATIONAL STATIONS

Name of Station, Nature Trail, etc.	Attend.
	XXXXX

LIST BY NAME AND TYPE AS: FOSSIL FERN TRAILSIDE EXHIBIT, DANTE'S VIEW OVERLOOK, ROCK CREEK NATURE TRAIL, GAMLIN CABIN TRAILSIDE MUSEUM, ETC.

TOTAL CONTACTS 6207

TOTAL VISITORS 18,819

BROADCASTS

Station	Subject

PARK NATURALIST C. Max Bauer

MAIL THROUGH REGULAR CHANNELS TO NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE 10TH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DEPARTMENT

FOR

JUNE 1940

I. CURRENT OPERATIONS

A. Public Contact

Visitors: The total number of visitors to the Park was about 20% above last year for the month of June. Likewise, the increase in attendance at the museums and Naturalist activities was about the same.

Lectures: One special lecture was given to a group of Northern Pacific railroad employees known as the Veterans Association. There were over 400 in attendance at this meeting on June 21. Park Naturalist Bauer spoke on "Little Seen Wildlife in Yellowstone Park" and illustrated it with kodachrome movies.

B. Ranger Naturalists:

The following ranger naturalists reported for duty during the month and went to work according to the following schedule:

George Marler	May 13
Bernarr Bates	May 24
F. C. Kleinschnitz	June 6
Harry V. Truman	June 16
Harry R. Woodward	June 13
Homer J. Smith	June 16
Trusten Peery	June 16
Lowell Biddulph	June 16
Milton L. Royer	June 16
Samuel Beal	June 16
Irwin B. Douglass	June 16
Frederick Bieberdorf	June 16
Chauncey D. Holmes	June 16

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

J. A. Thompson	June 17, 1940
Arthur Nash	June 16
Joseph Catmull	June 18
Herbert T. Lystrup	June 20
Wayne Replogle	June 24
F. Howard Brady	June 24
Harry L. Bauer	June 26

II. PERMANENT PROJECTS:

A. Administration:

The Naturalist Department was under the supervision of Park Naturalist Bauer throughout the month.

The pre-season activities which include a three-day school on Yellowstone Park features was attended by 13 ranger naturalists, 3 permanent naturalists, 18 temporary rangers, and 4 assistant chief rangers and the chief ranger. The direction and management of this pre-season school was under the Park Naturalist who was assisted by the Assistant Park Naturalists Kearns and Condon.

Preparation for opening the museums and starting the program of summer activities occupied a great deal of the month.

Mr. Kearns carried on the supervision of the dark room operations and the preparation of developing and printing pictures. He also began actively the supervision of sales publications which are handled on the information desks. During the latter part of the month he spent 10-1/2 days designing and repairing 4 large glass exhibit cases in the Fishing Bridge Museum.

During the month Assistant Naturalist Condon repaired the projectors for the outside amphitheatres, did some work on the classification and filing of kodaslides, supervised the filing of news clippings, and did general office routine. He also had charge of the property for the Department which included the preparation of quarters for the Ranger Naturalists.

This year we have changed from tents to cabins supplied by the Yellowstone Park Company at Mammoth and Lake areas. We now have 6 cabins set up at Mammoth, 5 at the Lake Area

Chief Ranger F. D. La Noue talking to the temporary rangers and ranger naturalists at the Madison Museum while on the Yellowstone seasonal personnel's pre-season trip.

Temporary rangers and ranger naturalists at the Petrified Tree while on their pre-season trip. Dr. Bauer discussed the phenomena of petrification.

Photos by David Condon

and 4 small cabins at Canyon. These at Canyon are merely single room cabins and it takes two cabins for each family, one for cooking and one for sleeping. Those at Mammoth are all double cabins and those at Fishing Bridge are three doubles and two singles.

Mr. Condon had 15 field trips during the month of June in connection with the quarters and opening of the museums and also spent several days in the field photographing wildlife and checking on Trumpeter Swans nesting operations.

B. Nature Notes

The Park Naturalist edited Nature Notes during the first week in June and the edition was run off on the 18th of June and mailed to about 570 people. This May-June issue contained some new material on geysers that is considered a distinct contribution to our understanding of geyser activity.

C. Library:

The library statistics are as follows:

Books in circulation.	37
Books received during June.	9
Indefinite Loan of Books.	42
Magazines received during June. . .	21
Pamphlets receiving during June . .	8

The following magazine series have been filled out up to the end of 1939 and have been bound by the Dieter Book Binding Company and paid for by the Yellowstone Library and Museum Association:

Planning and Civic Comment
Bird Lore
Journal of Mammalogy
Quarterly Review of Biology
Journal of Geology
Natural History
Nature Magazine
American Forests

and 1 small cabins at Canyon. These at Canyon are merely single room cabins and it takes two cabins for each family, one for sanitary and one for sleeping. Those at Sanmatt are all double cabins and those at Fishing Bridge are three doubles and two singles.

Mr. Dodds had 15 field trips during the month of June in connection with the quarterly and special of the meeting and also spent several days in the field photographing wildlife and planting on Freewater Bench grading operations.

B. Nature Notes

The Park Naturalist edited Nature Notes during the first week in June and the edition was run off on the 10th of June and called to about 300 people. This Nature Notes issue appeared some how material on papers that is questioned a distinct contribution to our understanding of nature activities.

C. Library

The library statistics are as follows:

Books in circulation.	77
Books received during June.	[illegible]
Indefinite loan of books.	[illegible]
Magazines received during June. . .	[illegible]
Pamphlets receiving during June . .	[illegible]

The following magazine series have been filled out for the end of 1939 and have been bound by the Master Bank Binding Company and paid for by the Yellowstone Library and Nature Association:

Planning and Civic Comment
Bird Lore
Journal of Mammalogy
Quarterly Review of Biology
Journal of Geology
Natural History
Nature Magazine
American Forests

Also two manuscripts were bound, one entitled "The Chronology of Yellowstone National Park" by Chester A. Lindsley. This was supplied by Mr. Jack E. Haynes. The other volume "Incidents in the Life of John Meldrum, the Grand Old Man of Yellowstone" was supplied by Mr. Joseph Joffe who secured the information from Judge Meldrum and prepared the manuscript. Copies were secured for the library and for several other interested persons.

D. Museums

The Old Faithful Museum has been opened since May 12.

The Headquarters at Mammoth Hot Springs has been opened since June 5 and all the other museums were opened on June 16. There was considerable demand from the public for the opening of the museums before the time that they could be opened because of the lack of funds to employ the ranger naturalists earlier.

E. Equipment

Three new projection screens were obtained from the Raven Screen Company and cases for hanging them are being made at the Carpenter Shop. A

A new telephoto lens was obtained for the Argus Model C Camera.

F. Photographs:

The photographic statistics are as follows:

Prints made.	372
Enlargements made.	532
Prints filed	324
Negatives filed.	324
Rolls developed.	11
Film Packs Developed	4

G. Lantern Slides and Kodaslides:

During the month of June, the following lantern slides were charged out to four museums:

[illegible]

[illegible]

[illegible]

Chipmunk Creek Fire as seen across Yellowstone Lake with Stevenson Island in the foreground.

Photo by William E. Kearns

Fishing Bridge Museum	340 lantern slides
Mammoth Museum	312 lantern slides
Canyon	290 lantern slides
Old Faithful Museum	350 lantern slides

It is estimated that approximately 400 lantern slides will be used each week at each one of these four points, or a total of 6400 lantern slides in the Park each month.

During the month 226 kodaslides were charged out to Dr. Arthur Nash who is stationed at the Tower Falls area. 300 kodaslides each week or 1200 every month will be used at this place.

800 feet of colored movie film was used during the month.

H. Publicity Clippings:

Most of the publicity clippings have been filed and the work is practically up to date.

I. Thermal Activity:

The only unusual occurrence during the month is that Giant Geyser has erupted only once so far as our information goes whereas last year it erupted at intervals of 7 to 15 days throughout the summer.

Activity in the other basis is very much the same as usual.

R. Research:

Assistant Naturalist Kearns has prepared a report on the revision of the exhibits in the Madison Junction Historical Museum. This report has been reviewed by the Park Naturalist and has been submitted to the Superintendent.

Through a grant from the Geological Society of America, we will have this summer six young men working on the geology of "mixed rocks" in the western part of Yellowstone Park.

Fishing tackle dummy	350 Lessons +item
Remote trainer	350 Lessons +item
Ghoulies	300 Lessons +item
All valuable dummies	300 Lessons +item

It is estimated that approximately [illegible] will be used each week at each one of these four places, or a total of 1600 Lessons +item in the four main areas.

During the month 300 [illegible] were sampled on the [illegible]. Evidence that this is continued at the three pilot areas, 300 Lessons +item would be 1800 every month will be used at this time.

300 items of [illegible] items [illegible] month.

5. Availability Allocation:

Most of the availability allocation [illegible] this work is practically [illegible].

6. Thermal Activity:

The soil thermal measurements during the month in Cross Plain Tapes has revealed that [illegible] gave abnormal [illegible] [illegible] high temperature [illegible].

Activity in the [illegible] [illegible] total.

8. Summary:

Additional Information [illegible] [illegible] the problem of the addition to the [illegible] Central Bureau. This report [illegible] [illegible] Materially and has been [illegible] [illegible].

Through a grant from the Educational [illegible] we will have this [illegible] [illegible] at "Social [illegible]" in the [illegible] [illegible] of Entomology [illegible].

The leader of the p arty is Dr. Ray Wilcox who was in the Park last summer and mapped in detail the area described by Dr. C. N. Fenner in 1933. Dr. Wilcox has an ingenious idea or hypothesis regarding the formation of "mixed rocks." He is of the opinion that the basalt and rhyolite came together while still hot and therefore has contained sufficient energy to cause a mutual digestion of the contact material so that in Yellowstone Park we have several areas of rock which show an intermixture of basalt and rhyolite. Chemically, these rocks extend all the way from true rhyolite to the very basic end of the series.

The study of these relations in the field and the mapping of extent of these mixed rock areas is the problem which Dr. Wilcox has set for himself. We are giving him such council and support as we are able.

J. Personnel:

Park Naturalist C. Max Bauer was on duty all month.

Assistant Park Naturalist William E. Kearns was on duty all month.

Assistant Park Naturalist David Condon was on duty all month.

Clerk Stenographer LeRoy Van Cott was on duty all month except 1/2 day of annual leave on June 1.

ERA darkroom technicians Toffer and Moncure finished up their work for the month, Mr. Toffer leaving on the 20th of June, and Peyton Moncure finishing on the 25th.

ERA stenographers Phyllis Mauritson and Mary Jane Perry worked until June 26 at 10:00 a.m.

Miss Margaret Cornelius did not return for work during the month of June.

No artist was available for services with the Department during June.

[illegible]

[illegible]

[illegible]

Juvenile crow evidences interest in the photographer.

Indifference and Curiosity.

Photos by William L. Sharpe

PROPOSED OUTLINE OF WORK FOR JULY

All the permanent naturalists as well as the ranger naturalists will be busy during July with the activities which are carried on for the benefit of the public. Practically all the men are scheduled up from 6-1/2 to 7-1/2 hours each day and in addition they have preparation work each day which amounts to approximately an hour.

When each Ranger Naturalist comes on duty he is assigned a lieu day for Sunday and so far as possible he is given this day off each week by another man who is on relief duty. The permanent naturalists, Kearns and Condon, also serve three days each week on relief duty.

During the month of July we expect to add two more ranger naturalists making a total of 22 for Yellowstone Park. The positions have been authorized and a request that the positions be set up has been sent to the Washington office. One of these men will be assigned largely to public contact and patrol work in the Upper Geyser Gasin whereas the other will be a public contact man on Mount Washburn and will assist in fire lookout duties at this station.

Many special parties are expected during the month of July and most of these are handled by contacting the leaders as soon as they arrived in the Park. After giving them some general directions as the best possible way to make use of their time while here they are advised to call at the museums and contact the other naturalists on their trip around the loop so that they will be taken care of along with other parties on the regular schedule. Occasionally, however, special parties cannot spend the time or cannot fit into the regular schedule of activities in which case one of the permanent men or a ranger naturalist who has a few hours to spare is assigned to such parties in order to assist them in every way possible.

Respectfully submitted,

C. Max Bauer,
Park Naturalist.

cc: Director
Russell
Regional Director, II
Bumpus
File
Museum
CMB:LVC

MONTHLY STATISTICAL REPORT OF INTERPRETATIONAL CONTACTS

Yellowstone National Park
Name of Area

Personnel Engaged in Interpretative Activities

	Naturalist	Custodian	Other
Permanent	3		
Temporary	20		

June
Month

1940
Year

CONDUCTED TRIPS

Type	No.	Attend.	ATTEND. TOTALS
Auto Caravans	59	1476	
Hiking Trips	156	6055	
* Game Stalks	12	227	
* Special Parties	10	352	
Total	237	XXXXX	8110

*LIST OTHER TYPES AS: BOAT, HORSEBACK, ETC.

LECTURES

Type	No.	Attend.	
Campfire	87	13393	
Hotel or Lodge	309	3886	
Museum	309	3886	
Outside of Park			
Special**Northern Pacific Emplys	1	400	
Bear Talk	11	12606	
Total	408	XXXXX	30,285

**INCLUDES ALL OTHER TYPES AS: SPECIAL PARTIES, BEARS, ETC.

ATTENDED INTERPRETATIONAL STATIONS

Name of Station	Attend.	
Yellowstone Museums	63880	Mt. Washburn - not open
Old Faithful Cone Count	63755	
Old Faithful Basin Contacts	8255	
Tower Falls Observation Platform	7566	
Artist Point	5311	
Grand View	2013	
	XXXXXX	150,780

LIST BY NAME AND TYPE AS: YAVAPAI, GLACIER POINT OVERLOOK, ETC.

UNATTENDED INTERPRETATIONAL STATIONS

Name of Station, Nature Trail, etc.	Attend.	
Beaver Field Exhibit	1600	
Obsidian Cliff Exhibit	1200	
Nymph Lake Exhibit	600	
Tuff Cliff Exhibit	300	
Firehole Canyon Exhibit	1200	
	XXXXX	4900

LIST BY NAME AND TYPE AS: FOSSIL FERN TRAILSIDE EXHIBIT, DANTE'S VIEW OVERLOOK, ROCK CREEK NATURE TRAIL, GAMLIN CABIN TRAILSIDE MUSEUM, ETC.

TOTAL CONTACTS 194,075

TOTAL VISITORS 82,997

BROADCASTS

Station	Subject

PARK NATURALIST C. Max Bauer

MAIL THROUGH REGULAR CHANNELS TO NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE 10TH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

August 20, 1940

ANNUAL REPORT FOR THE NATURALIST DEPARTMENT

The following report contains a summary of activities of the Naturalist Staff in Yellowstone National Park for the fiscal year July 1, 1939 to June 30, 1940.

At the close of the fiscal year the staff consisted of:

C. Max Bauer	Park Naturalist
William E. Kearns	Assistant Park Naturalist
David De Lancey Condon	Asst. Park Naturalist
LeRoy Van Cott	Clerk Stenographer

At the beginning of the fiscal year Mr. Frank Oberhansley had been notified of his transfer to Sequoia National Park. He left Yellowstone on July 2 and Mr. Condon took over the duties of Assistant Park Naturalist on July 5.

The summer staff of ranger naturalists consisted of 20 ranger naturalists and three museum caretakers for the 1939 season and in June 1940 there were four museum caretakers. One was assigned to relieving the others on their lieu day and other tasks connected with janitorial work.

No changes in the general program of the naturalist work were made during the year although the season of 1940 showed considerable increase in numbers of people attending museums and other activities.

The closing dates for the museums for the season 1939 are:

Madison Junction Museum	September 4
Norris Museum	September 10
Fishing Bridge Museum	September 11
Mammoth Museum	September 18
Old Faithful Museum	September 25

UNITED STATES
DEPARTMENT OF THE INTERIOR
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YELLOWSTONE PARK, WYOMING

August 20, 1940

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The following report contains a summary of activities of the Naturalist Staff in Yellowstone National Park for the fiscal year July 1, 1939 to June 30, 1940.

At the close of the fiscal year the staff consisted of:

C. Max Bauer	Park Naturalist
William E. Bowers	Assistant Park Naturalist
David De Lacey Condon	Asst. Park Naturalist
Lodey Van Cott	Chief Stenographer

At the beginning of the fiscal year Mr. Frank Shortmeier had been notified of his transfer to Sequoia National Park. He left Yellowstone on July 8 and Mr. Condon took over the duties of Assistant Park Naturalist on July 9.

The summer staff of ranger naturalists consisted of 20 ranger naturalists and three museum caretakers for the 1939 season and in June 1940 there were four museum caretakers. One was assigned to relieving the others on their lien day and other tasks connected with junctorial work.

No changes in the general program of the naturalist work were made during the year although the season of 1939 showed considerable interest in numbers of people attending museums and other activities.

The closing dates for the museums for the season 1939 are:

Mathew Junction Museum	September 5
Norris Museum	September 10
Fishing Bridge Museum	September 11
Lamar Museum	September 12
Old Faithful Museum	September 25

The opening dates of museums for the spring of 1940 were as follows:

Old Faithful Museum	May 12
Headquarters Museum at Mammoth	June 5
Fishing Bridge Museum	June 16
Norris Museum	June 16
Madison Junction Museum	June 16

The hours at each one of these museums which remained open each day during the travel season are as follows:

Old Faithful Museum	8:00 a.m. to 9:30 p.m.
Headquarters Museum at Mammoth	8:00 a.m. to 8:00 p.m.
Fishing Bridge Museum	8:00 a.m. to 8:00 p.m.
Norris Museum	8:00 a.m. to 5:00 p.m.
Madison Junction Museum	8:00 a.m. to 5:00 p.m.

A ranger naturalist is kept on duty at the information desk in each one of the museums during the open hours.

Through the Yellowstone Library and Museum Association books and maps relating to Yellowstone Park which have been approved by the National Park Service are sold to the visiting public. This service adds materially to the educational value of the museums and the naturalist service.

During the beginning of the year six outdoor amphitheatres were used and during the 1940 season seven outdoor amphitheatres were used and one evening program was held in the lodge at Camp Roosevelt each evening. During July and August of 1939 a nature talk was given each evening in the Lake Hotel lounge for six days each week. The amphitheatre at Madison Junction and the one at West Thumb did not have electricity during the last fiscal year and therefore the lectures were not illustrated. In addition to the camp fire programs described above two lectures were given each night at the Grizzly Bear Grounds on Otter Creek by a ranger naturalist. These lectures consisted of giving facts on the grizzly and black bear species and were usually about 20 minutes long each. The seating capacity at the grizzly bear grounds is approximately 1100 people and it is not uncommon to have this filled twice each evening.

Other activities of the Naturalist Department although not attended in such large numbers were well received by those who took

The opening dates of museums for the spring of 1940 were as follows:

Old Parietal Museum	May 27
Headquarters Museum at Kenneth	June 2
Fishing Bridge Museum	June 11
Norris Museum	June 11
Madison Junction Museum	June 11

The hours at each one of these museums which remained open each day during the treated season are as follows:

Old Parietal Museum	8:00 a.m. to 7:30 p.m.
Headquarters Museum at Kenneth	8:00 a.m. to 5:00 p.m.
Fishing Bridge Museum	8:00 a.m. to 5:00 p.m.
Norris Museum	8:00 a.m. to 5:00 p.m.
Madison Junction Museum	8:00 a.m. to 5:00 p.m.

A ranger naturalist is kept on duty at the information desk in each one of the museums during the open hours.

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Other activities of the naturalist department although not attended in such large numbers were well received by those who took

part in the activities. These consisted of morning nature walks at each one of the principal points on the grand loop, also guided auto caravans, game stalks, and museums talks. At Norris and Madison and West Thumb and ranger naturalists have arranged their daily program so that museum talks are given when the bus parties arrive.

Nature Notes was published every two months throughout the year, six issues being run.

Some equipment was purchased throughout the year, the most important of which was projection screens for Fishing Bridge, West Thumb, and Canyon amphitheatres.

This last fiscal year we had an ERA project devoted to photographic work. This work consisted of revising our negatives and print files, developing films for the other departments, enlarging pictures for publicity use, and preparing prints of the films submitted for the regular file as well as for publicity purposes. Considerable work was also done on the lantern slides and kodaslides. These files were revised largely by the permanent members of the staff although some help was given by ERA in labelling and filing.

Research during the summer of 1939 was carried on by a number of individuals connected with universities and other institutions of higher learning. One party headed by Ray Wilcox studied the basalt-rhyolite contact on the Gardiner River and prepared a report for publication. This same party has returned in 1940 and for a time consisted of 6 men and is now carrying on with 4 men headed by Dr. Wilcox. Their studies extend to the areas of "mixed rocks" particularly on the shores of Grizzly Lake. Some airplane photographs have been taken and considerable field mapping has been done to determine the relationships of these lava sheets.

The Yellowstone Library and Museum Association has sponsored a project to revise the pamphlet on "Fossil Forests of Yellowstone." This will include a study of the fossil leaves and petrified trees of the north side of the Park with some attention being given to the problem of petrifaction as illustrated i n the silicified plant remains which are found in the geyser basins. This project will be carried on during this coming year by Dr. Charles B. Read of the National Museum in collaboration with the Yellowstone Library and Museum Association.

A continuation of the study of the life habits of Trumpeter Swan is being carried on by Assistant Park Naturalist Condon who is also making numerous observations on other forms of wildlife and doing photographic work.

part in the activities. These consisted of morning nature walks at each one of the principal points on the grand loop, high guided auto excursions, game stalks, and museum talks. At Norris and Madison and West Thumb and Canyon naturalists were arranged their daily programs so that museum talks are given when the bus parties arrive.

Nature Notes was published every two months throughout the year, six issues being run.

Some equipment was purchased throughout the year, the most important of which was projection lessons for Fishing Bridge, West Thumb, and Canyon amphitheatres.

This last fiscal year we lay on the project devoted to photographic work. This work consisted of retiring one negatives and print files, developing files for the other departments, enlarging pictures for publicity use, and preparing prints of the films submitted for the regular file as well as for publicity purposes. Considerable work was also done on the lecture slides and tabulations. These files were revised largely by the permanent members of the staff although some help was given by the in labelling and filing.

Research during the summer of 1940 was carried on by a number of Cadetschools connected with universities and other Institutions of Higher Learning. One party headed by Dr. Wilson studied the basaltropolite content in the Southern Tetons and prepared a report for publication. This same party has returned to 1940 and for a time consisted of 5 men and is now carrying on with 1 men headed by Dr. Wilson. Their studies extend to the areas of "mixed rocks" particularly on the shores of Grizzly Lake. Some surprisingly interesting data were taken and considerable field mapping has been done to determine the relationships of these lava sheets.

The Yellowstone Library and Museum Association has sponsored a project to review the problem of "Natural Research in Yellowstone." This will include a study of the Fauna Lavas and petrified trees of the Yellowstone and of the rock with some attention being given to the problem of petrification as illustrated by the Yellowstone plant remains which are found in the upper Gardens. This project will be carried on during this coming year by Dr. Thomas L. Lant of the National Museum in collaboration with the Yellowstone Library and Museum Association.

A continuation of the study of the life cycle of Trumpeter Swan is being carried on by Assistant Park Naturalist Lemon who is also making numerous observations on other forms of wildlife and doing photographic work.

Assistant Park Naturalist William E. Kearns prepared a report on a "Suggested Plan for the Revision of the Madison Junction Historical Museum." This was submitted at the close of the fiscal year.

The Yellowstone Library and Museum Association has been active throughout the year sponsoring the photographic project carried on by the ERA and supplying some of the materials for this work.

Also the Association has made a study of the proposition of sponsoring a research "Fellow" who could be assigned special problems in the Park and carry on much needed research.

Although the Yellowstone Library and Museum Association has not published any items during the year, from November 30, 1939 to April 6, 1940 it employed Mr. Clyde Stewart to prepare a card file of "Place Names in Yellowstone Park" listing both the names in use at the present time and those which have been discarded for one reason or another but appear in the literature of the Park. Each card shows in addition to the name itself the official name where approved by the United States Board on Geographic Names, references to the literature and other interesting information. 2260 names have been listed.

During the early part of the year several CCC enrollees were assigned to museum work but since the first of April none have been used on this kind of work because of the difficulty in obtaining anyone that would remain long enough to be trained and thereby able to carry on any project.

The following table shows the statistics of the Naturalist Department from July 1, 1939 to June 30, 1940.

Respectfully submitted,

C. Max Bauer,
Park Naturalist.

Director
Russell
Region II
Bumpus
museum
CMB:LVC

Assistant Dean Naturalist William L. Bowen prepared a report on a "Suggested Plan for the Revision of the Nelson Auction Literature Museum." This was submitted at the close of the fiscal year.

The Fallowstone Library and Museum Association has been active throughout the year sponsoring the photographic project carried on by the NSA and supplying some of the materials for this work.

Also the Association has made a study of the proposition of sponsoring a research "Bulletin" that could be utilized special problems in the Dark and carry on much needed research.

Although the Fallowstone Library and Museum Association has not published any items during the year, Dean Bowen [illegible], 1979 to April 1, 1980 it employed Mr. Clyde Stewart to prepare a [illegible] of "Place Names in Fallowstone Park" listing [illegible] the present time [illegible] which have been [illegible] or [illegible] but appear in the literature of the Park. [illegible] in addition to the same itself the official name [illegible] by the United States Board on Geographic Names, [illegible] and other interesting information. [illegible] listed.

During the early part of the year [illegible] was assigned to museum work but since the first of April [illegible] used on this kind of work because of the [illegible] in [illegible] appears that [illegible] to be [illegible] to carry on [illegible].

The following table shows the statistics of the Naturalist Department from July 1, 1979 to June 30, 1980.

Respectfully submitted,

[illegible]
[illegible]

Director
Russell
Region II
Rumpus
[illegible]
[illegible]

NATURALIST DEPARTMENT

Activities from July 1, 1939 to June 30, 1940, inclusive

PLACE	Field Trips		Auto Caravans			Lectures		Museum	Misc.	Total
	No.	Att.	No.	Cars	Att.	No.	Att.	Att.	No.	Contacts
Canyon	137	4316				232	136455		72411	213182
Fishing Bridge	83	1550	71	511	2355	216	28444	43148	8340	83837
Madison	9	422				376	20630	42931		63983
Mammo th	80	2467	309	2597	13384	367	29505	87939	832	134127
Mt. Washburn (1)										
Tower Falls	66	379				81	7890		46664	54933
Norris	398	17367				6	92	72969		90428
Old Faithful	171	20883				1131	385701	136077	79471	622132
West Thumb	205	17109				71	8655			25764
TOTAL	1139	64493	380	3108	15739	2480	617372	383064	207718	1288386
Unattended trailside exhibits (Estimated)										110800
TOTAL CONTACTS										1399186

TOTAL CONTACTS, July 1, 1938 to June 30, 1939 inclusive	1,354,815
TOTAL CONTACTS, July 1, 1939 to June 30, 1940 inclusive	1,399,186
PARK VISITORS, July 1, 1938 to June 30, 1939, inclusive	480,146
PARK VISITORS, July 1, 1939 to June 30, 1940 inclusive	507,727

(1) Mt. Washburn road closed for most of each day to June 30, 1940 because of construction of new look out tower.

Activities from July 1, 1971 to June 30, 1972, inclusive

Place	Basic Tuition		Auxiliary Services				Lodging		Board		Total
	Year	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
Oneida	1971	$[illegible]				$[illegible]		$[illegible]		$[illegible]	$[illegible]
Fisher Hall	1972	$[illegible]	$[illegible]	$[illegible]	$[illegible]	$[illegible]	$[illegible]	$[illegible]	$[illegible]	$[illegible]	$[illegible]
Hilton	1	$[illegible]				$[illegible]	$[illegible]	$[illegible]			$[illegible]
Brown Hall	[illegible]	$[illegible]	$[illegible]	$[illegible]		$[illegible]	$[illegible]	$[illegible]	$[illegible]	$[illegible]	$[illegible]
Mr. Hutchins [1]											
Tower Hall*	[illegible]	$[illegible]				$[illegible]	$[illegible]		$[illegible]		$[illegible]
Beverly	[illegible]	$[illegible]				$[illegible]	$[illegible]				$[illegible]
[illegible]	[illegible]	$[illegible]	$[illegible]			$[illegible]		$[illegible]	$[illegible]		$[illegible]
Bank Place	[illegible]	$[illegible]				$[illegible]	$[illegible]				$[illegible]
Total	[illegible]	$[illegible]	$[illegible]	$[illegible]	$[illegible]	$[illegible]	$[illegible]	$[illegible]	$[illegible]	$[illegible]	$[illegible]

Dormitory Capacity

	Fall	Spring
Total Capacity, July 1, 1971 to June 30, 1972 inclusive	[illegible]	[illegible]
Total Occupied, July 1, [illegible] to June 30, 1972 inclusive	[illegible]	[illegible]
Max Occupied, July 1, [illegible] to June 30, 1972 inclusive	[illegible]	[illegible]
Min Occupied, July 1, [illegible] to June 30, 1972 inclusive	[illegible]	[illegible]

(1) Mr. Hutchins was closed for most of each year in June 30, 1972 because of [illegible] of many lies not [illegible].

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DEPARTMENT

FOR

JULY 1940

I. CURRENT OPERATIONS

A. Public Contact

Visitors: A large number of organized trips such as schools, colleges come into the Park but most of these have learned to take advantage of our regular activities and find them to be very successful for the purpose. Wherever they need special attention such as a specialized group of biologists, wildlife students, or geologists, we usually try to give them a special lecture on their particular field. Otherwise they fit into the programs very well and get what they are looking for.

On July 2 Walter Esmond Todd, Curator of Ornithology at the Carnegie Museum of Pittsburg, Pennsylvania visited the Park.

July 7, Mr. and Mrs. Howard Stagner. Mr. Stagner is the Park Naturalist at Petrified Forest National Monument.

July 13, Dr. G. Edward Lewis, Head of the Paleontology Department of Yale University.

July 12 to July 20, Dr. William L. Finley, Vice President of the National Widllife Federation, and Mr. William Smith, President of the Oregon State Wildlife Federation.

July 14 to July 15, Mr. Dorr Yeager, Assistant Chief of the Museum Division, National Park Service.

July 28, Mr. Charles W. Leng, Director of the Station Island Art Institute.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

July 30, Dr. John W. Scott, Professor of Zoology, University of Wyoming.

July 30, Dr. J. H. Frison, Chief of the Natural History Society, Urbana, Illinois.

Lectures: One special lecture was given during the month when Park Naturalist Bauer attended the Geologists dinner at Cody on July 27. The subject of his talk was "The Importance of Research on the Geology of Yellowstone Park and Adjacent Regions." 150 people were present.

Assistant Park Naturalist William E. Kearns gave a special lecture on the evening of July 26 to the combined camps of #535 and #544 in Yellowstone Park. Mr. Kearns spoke on "Your Opportunity and Responsibility in Yellowstone." There were 215 people present. This talk was illustrated with movies, both black and white and kodachrome.

B. Ranger Naturalists:

During the month of July the following ranger naturalists were on duty:

George Marler
Barnarr Bates
F. C. Kleinschnitz
Harry V. Truman
Harry R. Woodward
Homer J. Smith
Trusten Perry
Lowell Biddulph
Milton L. Royer
Samuel Beal
Irwin B. Douglass
Federick Bieberdorf
Chauncey D. Holmes
John A. Thompson
Arthur Nash
Joseph Catmull
Herbert T. Lystrup
Wayne Replogle
F. Howard Brady
Harry L. Bauer

July 30, Dr. John T. Reeve, Professor of Geology, University of Wyoming.

July 30, Dr. J. C. Tanner, Chief of the Natural History Society, Tennessee, Illinois.

Lectures: One special lecture was given during the month when Park Naturalist Tower attended the Geologists dinner at Cody on July 27. The subject of the talk was "The Importance of Research on the Geology of Yellowstone Park and Adjacent Regions." 150 people were present.

Assistant Park Naturalist William L. Evans gave a special lecture on the evening of July 26 to the combined camps of #[illegible] and #[illegible] in Yellowstone Park. Mr. Evans spoke on "Your Opportunity and Responsibility in Yellowstone." There were 215 people present. This talk was illustrated with vertex, both black and white and [illegible].

2. Ranger Naturalists:

During the month of July the following ranger naturalists were on duty:

George Barker
Bernard Bohm
R. F. Kleinschmidt
Harry T. Thomas
Harry R. Woodward
Homer J. Smith
Truman Henry
Lowell Stanley
Milton L. Turner
Samuel Neal
Irvin E. Douglass
Frederick Kleinschmidt
Chauncey D. Thomas
John A. Thompson
Arthur Beck
Joseph Detmoll
Herbert T. Cushing
Warren Douglass
F. Howard Cody
Harry L. Bower

Yellowstone's Grand Fishing Bridge at Lake from the East where both young and old fish from daylight to dark, for the elusive Blackspotted Trout.

Photo by Hillier [illegible]

II. PERMANENT PROJECTS:

A. Administration:

Park Naturalist Bauer was in charge of the Naturalist Department during the entire month. His work consisted mainly of a number of inspection trips to supervise the work of the ranger naturalists and taking care of correspondence in the office and routine work.

Assistant Naturalist William E. Kearns and Assistant Naturalist David Condon spent three days of each week on relief schedule, permitting ranger naturalists at Mammoth and Tower Falls to have their usual day off each week. Two other days were scheduled for each one of these men for office work and the other two days of the week were scheduled for field work.

Mr. Kearns spent an average of 2-1/2 days each week on the handling of sales publications and accounts. As time permitted which amounted to several days for the month, Mr. Kearns did developing and printing of special jobs of film.

During the month Assistant Naturalist Condon took 10 field trips for the purpose of making swan and other wildlife observations. He also continued the work of checking property and seeing to it that the ranger naturalists were properly set up in their quarters. He attended lectures given by ranger naturalists on 10 different evenings.

B. Nature Notes

Nature Notes have been edited for the July-August number. The principle subject of the issue deals with mountain climbing and the ascent of Pilot and Index Peaks in the vicinity of the northeast corner of Yellowstone Park. Some of the mountains in this region are exceedingly steep and rugged and since they are composed of breccia are hazardous to climb. The July-August number of Nature Notes will be mailed out early in August.

C. Library:

This month we have a librarian completing catalogue cards and taking the inventory. She is Miss Margaret Smith from Livingston and has been employed by the Yellowstone Library and Museum Association.

II. [illegible]

A. [illegible]

[illegible] Bucaneer [illegible] is [illegible] of the [illegible] performed during the entire [illegible]. The very [illegible] [illegible] of a number of [illegible] [illegible] to [illegible] the [illegible] [illegible] [illegible]

Trumpeter Swan and Cygnets on Crane Lake

[illegible]

The library statistics are as follows:

Books in circulation.	48
Books received during July.	9
Indefinite Loan of Books.	3
Pamphlets received during July. . . .	11
Magazines received during July. . . .	24

D. Museums:

All museums were open every day during the month.

Beginning with July 24 at Mount Washburn, this place was practically completed and thrown open to visitors. On July 30, a ranger naturalist was put up there for contact purposes.

During the last eight days of the month the count showed that 4,144 people visited the lookout. From now on regular talks will be given by our ranger naturalist on Mount Washburn on Forest Protection, including the problems of fire prevention, fire detection, and fire suppression. Problems connected with the wilderness area of Yellowstone, also geographic and geologic, will be given which will assist the visitor in becoming better orientated and in having a better understanding of the forest problems of this great area. It has been found that this point is especially good for public contact work since nearly every person who goes to the top of this mountain not only enjoys the thrill of it but has several very important questions to ask.

E. Equipment:

A complete traverse outfit was obtained by the Yellowstone Library and Museum Association which includes a Dumstead tripod, a 15" x 15" plane table board with compass, and an open ~~sice~~ sight alidade with case for the alidade and board.

F. Photographs:

Due to the fact that the ERA white collar project has been discontinued we do not have anyone regularly in our

The library facilities are as follows:

Books in circulation. 18
Books reserved during July 7
Individuals taken at Desks 4
Periodicals reading Room July. . . . 12
Magazines reserved during July. . . . 12

5. Lectures:

All lectures were given early in July, the months.

Beginning with July 5, at Grant Hardwood, Lily Jones was practically employed and through June to Wallace. On July 30, a major entertainment was put on large for each performer.

During the last eight days of the month the number attended that is, 1,[illegible] people visited the Library. Thus, our as regular table will be given by our league representatives. Bruce Hardwood on Tuesday Instructions, Wednesday Bill Jones of Five presentations. Five listening, and Jane Hoppenstein, Friday Hoppenstein with the Wednesday even if Wilkerson, after refreshments and medicine, with the group which will assist the Elder in learning Latin. Medicine and by having a better understanding of the Indian problems of this great area. It has been found that this group is especially good for public speaking and also every every member who goes to the day of life speaking and only the Spur the direct of it is but has somewhat very learning pleasure to see.

6. Performances:

A delightful Dramatic social was arranged by the Twilight Club Library and Summer Laboratory which included a Dramatical Drama, a "C" a 10' Jokes Skits based with alcohol, and so open made alliance with area for the alliance [illegible] Dart.

7. Entertainment:

Due to the fact that the 4th delta called previous the been distributed we do not have enough manpower to wh-

Trumpeter Swan and Cygnets on Crane Lake

photographic darkroom at the present time. Some printing and developing has been done by Mr. Kearns and Mr. Condon. Mr. Kearns made a total of 40 contact prints for the Engineering Department, 35 enlargements, and developed one film pack

G. Lantern Slides and Kodaslides:

The following lantern slides are still charged out to the following places:

Fishing Bridge Museum	340 lantern slides
Mammoth Museum	312 lantern slides
Canyon	290 lantern slides
Old Faithful Museum	350 lantern slides

As stated in the monthly report for June, it is estimated that approximately 400 lantern slides will be used each week at each one of these four points, or a total of 6400 lantern slides in the Park each month.

Tower Falls is still charged with the 226 kodaslides they received during the month of June. 300 kodaslides each week or 1200 every month will be used at this place.

During July 201 kodaslides were charged to West Thumb for the campfire programs. Also, as at Tower Falls, it is estimated that 300 kodaslides each week or 1200 every month will be used at this place.

9,000 feet of black and white and kodachrome movie film were used during the month to illustrate lectures given by Assistant Park Naturalist William M. Kearns.

H. Publicity Clippings:

No clippings were filed during the month.

I. Thermal Activity:

There was no unusual activity during the month except that Giant Geyser erupted on July 30 which was the first time since the 28th of May.

[illegible] Bodrum at the present time. Item [illegible] and [illegible] has been done by [illegible] and [illegible]. [illegible] a total of [illegible] vehicle [illegible] [illegible] Department, [illegible] mileageunits, not [illegible] the file [illegible]

2. Failure filing and Intimations

The following Income Tax Cases are still pending as on the following dates.

Central Circle Bodrum	[illegible] Income tax cases
Bodrum Range	[illegible] Income tax cases
Salgam	[illegible] Income tax cases
Old District Bodrum	[illegible] Income tax cases

It stated in the monthly reports for June, it is mentioned that approximately [illegible] Income tax cases will be dealt with. [illegible] is main one of their [illegible], as a result of [illegible] Income tax cases in the [illegible] months.

These [illegible] is still advised that [illegible] [illegible] [illegible] the month of June. The [illegible] [illegible] [illegible] of [illegible] [illegible] [illegible] [illegible].

During July [illegible] Assessments were carried [illegible] [illegible] for the monthly [illegible]. [illegible] it is [illegible] estimated that [illegible] Assessments [illegible] [illegible] [illegible] will be made as [illegible] [illegible].

[illegible] [illegible] of [illegible] and [illegible] [illegible] [illegible] [illegible] and [illegible] the [illegible] to [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

3. Mobility Clearance

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

4. Tax Arrears

There was no [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

R. Research:

Research this month consisted of trumpeter swan observations carried on by Mr. Condon, and a research party of geologists consisting of Ray Wilcox, Robert Gates, and four students who are working in the vicinity of Grizzly Lake on the problem of "mixed rocks." This party is continuing a research problem which was started last summer and has a grant from the Geological Society of America.

On July 6 Park Naturalist Bauer was elected Vice President of the Yellowstone-Bear Tooth Research Association. This Association sponsors and gives advice to the International Field School of Geology at Red Lodge under the direction of Professor William Taylor Thom of Princeton University.

J. Personnel:

Park Naturalist C. Max Bauer was on duty all month.

Assistant Park Naturalist William E. Kearns was on duty all month with the exception of one-half day of annual leave on July 24.

Assistant Naturalist Condon was on duty all month.

Clerk Stenographer LeRoy Van Cott was on duty all month except 4 hours on July 17 and 2 hours on July 30.

Margaret Smith, librarian, has been on duty throughout the entire month, employed by the Yellowstone Library and Museum Association.

PROPOSED OUTLINE OF WORK FOR AUGUST

On July 30 we received word that two new ranger naturalist positions were set up for Yellowstone. We, therefore, expect to get these two men on duty early in August so as to relieve congestion of work among the other men.

The regular routine of carrying on the daily activities at each point consisting of public contact keeps all of the ranger

[illegible]

[illegible]

[illegible]

naturalists very busy this season as the July report shows that we have made over 200,000 contacts more this year than for the same month last year. This is somewhat of an increase even when it is considered that the increase in visitors at this time is only 7.8% above last year.

Dr. Charles B. Read, paleobotanist from the Smithsonian Institute is expected to arrive on August 5 and will carry on during the month of August in collecting plant remains from Specimen Ridge and Lamar Valley country in order to revise our list of fossil plants and trees and prepare a bulletin on the Fossil Forests of Yellowstone to take the place of the one prepared so many years ago by Dr. F. H. Knowlton. This work is made possible by the United States Geological Survey and the contribution of $150.00 for field expenses by the Yellowstone Library and Museum Association.

Further research on the tape worm of fish and bears is being undertaken by Dr. John W. Scott, Professor of Zoology at the University of Wyoming with the cooperation of the National Park Service.

Respectfully submitted,

C. Max Bauer

C. Max Bauer,
Park Naturalist.

CC: Director
Russell
Regional Director, II
Bumpus
File
Museum
CMB:LVC

MONTHLY STATISTICAL REPORT OF INTERPRETATIONAL CONTACTS

Yellowstone National Park
Name of Area

Personnel Engaged in Interpretative Activities

	Naturalist	Custodian	Other
Permanent	3		
Temporary	20		

July
Month
1940
Year

CONDUCTED TRIPS

Type	No.	Attend.	ATTEND. TOTALS
Auto Caravans no.cars 1258	124	4511	
Hiking Trips	492	29706	
* Game Stalks no.cars 336	31	1100	
* Special Parties	11	473	
Total	658	XXXXX	35,790

*LIST OTHER TYPES AS: BOAT, HORSEBACK, ETC.

LECTURES

Type	No.	Attend.	
Campfire	211	61956	
Hotel or Lodge			
Museum	407	23685	
Outside of Park (Cody)	1	150	
Special**	2	230	
Bear Talk	62	59343	
Total	683	XXXXX	145,364

**INCLUDES ALL OTHER TYPES AS: SPECIAL PARTIES, BEARS, ETC.

ATTENDED INTERPRETATIONAL STATIONS

Name of Station	Attend.	
Yellowstone Museums	158,039	Mt. Washburn - open July 24 to end of month. 4,144 people
Old Faithful Cone Count	152,243	
Old Faithful Basin Contacts	23,387	
Tower Falls Observation Platform	27,500	
Artist Point at Canyon	19,809	
Grand View at Canyon	11,297	
	XXXXXX	396,419

LIST BY NAME AND TYPE AS: YAVAPAI, GLACIER POINT OVERLOOK, ETC.

UNATTENDED INTERPRETATIONAL STATIONS

Name of Station, Nature Trail, etc.	Attend.	
Beaver Field Exhibit	75,733	
Obsidian Cliff Exhibit	27,094	
Nymph Lake Exhibit	10,420	
Tuff Cliff Exhibit	2,500	
Firehole Canyon Exhibit	54,250	
	XXXXX	169,997

LIST BY NAME AND TYPE AS: FOSSIL FERN TRAILSIDE EXHIBIT, DANTE'S VIEW OVERLOOK, ROCK CREEK NATURE TRAIL, GAMLIN CABIN TRAILSIDE MUSEUM, ETC.

TOTAL CONTACTS 747,570

TOTAL VISITORS 173289

BROADCASTS

Station	Subject

Max Bauer
PARK NATURALIST C. Max Bauer

MAIL THROUGH REGULAR CHANNELS TO NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE 10TH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

museum

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DEPARTMENT

FOR

AUGUST 1940

I. CURRENT OPERATIONS

A. Public Contact

Visitors: On August 9 and 10 Dr. Carl P. Russell, Supervisor of the Branch of Research and Information, and Mr. Dorr Yeager, Assistant Chief of the Museum Division, visited in Yellowstone.

Dr. R. W. Brown, United States National Museum, was in August 5 to 10.

Charles E. Resser, United States National Museum, was in the office August 23.

Mr. W. H. Jackson came in on August 22 and stayed until August 31.

Lectures: There were no special lectures during the month of August.

B. Ranger Naturalists:

22 ranger naturalists served during the month of August. 2 were added early in the month - W. Lowell Stagner on August 6, and Willis Eggler on August 8.

Six ranger naturalists terminated their duty period in August:

Irwin B. Douglass -	close	of	August	27
Harry Woodward -	"	"	"	29
Milton L. Royer -	"	"	"	29
Howard Brady -	"	"	"	30
Herbert Lystrup -	"	"	"	30
John Thompson -	"	"	"	31

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DEPARTMENT

FOR

AUGUST 1934

I. CURRENT OPERATIONS

A. Public Contact

Visitors: On August 7 and 13 Dr. Carl P. Russell, Supervisor of the Branch of Research and Information, and Dr. Jovr Tanger, Assistant Chief of the Research Division, visited in Yellowstone.

Dr. R. W. Brown, United States National Museum, was in August 5 to 10.

Charles E. Warner, United States National Museum, was in the office August 27.

Dr. W. E. Jacobson was in on August 28 and August 30-Bill August 31.

Lectures: There were no special lectures during the month of August.

B. Ranger Naturalists:

[illegible] ranger naturalists served during the month of August. 2 were added early in the month - W. Lowell Thayer on August 6, and Willis Eggler on August 8.

Six ranger naturalists terminated their tour period in August:

Irwin R. Douglass -	clows	of	August	27
Harry Woodward -	"	"	"	27
Wilbur L. Tanner -	"	"	"	28
Howard Brady -	"	"	"	30
Herbert Upstrup -	"	"	"	30
John Thompson -	"	"	"	31

II. PERMANENT PROJECTS:

A. Administration

The Naturalist Department was under the supervision throughout the month of Park Naturalist C. Max Bauer. Numerous trips into the Park were made to inspect the activities of the ranger naturalists and supervise their programs.

Conferences were held with the Superintendent and Assistant Superintendent and also with the parties conducting research in the Park. Several conferences were held with Ray Wilcox who was in charge of a party mapping some of the Basalt flows in Gardner's Hole. Also several conferences were held with Dr. Charles B. Read who was studying the fossil plants of the Specimen Ridge and Gallatin areas.

Assistant Naturalist Kearns was on duty until August 15. On August 13 he checked over the supply of books of the Yellowstone Library and Museum Association to Mr. Condon. Mr. Kearns turned in his written resignation on August 6 to become effective at the close of duty on August 15.

Assistant Park Naturalist David Condon was busy throughout the month with supervision and relief duty until the middle of the month, and during the latter part of the month he had charge of sales publications also. He had eight field trips during the month, two of which were in connection with the study of trumpeter swans and three dealing with the handling of sales publications. He also made a trip to the Mirror Plateau for fire suppression.

In addition to Mr. Condon's work on fire suppression, which extended from August 15 to August 18 inclusive, Ranger Naturalist Replogle was on fire suppression duty from August 14 to August 27 inclusive. Ranger Naturalist Lystrup was on fire suppression duty from August 16 to August 26 inclusive. Other ranger naturalists were called on during this fire period for station duty temporarily at the various points so as to relieve rangers for fire suppression.

B. Nature Notes

No work on Nature Notes was done during the month although several were received from ranger naturalists who prepared them and submitted them for future use.

II. [illegible]

A. [illegible]

The [illegible] [illegible] [illegible] the [illegible] [illegible] [illegible]

C. Library:

Miss Margaret Smith of Livingston was employed by the Yellowstone Library and Museum Association during the month to bring the library cataloguing and filing up to date.

The library statistics are as follows:

Books in circulation.	32
Books received during August.	28
Indefinite loan of books.	2
Pamphlets received during August. . .	15
Magazines received during August. . .	19

D. Museums:

All museums were open each day during the month of August. In addition, the station on Mt. Washburn was manned by a ranger naturalist and a temporary ranger, the ranger naturalist remaining until August 30, and the temporary ranger remaining throughout the month.

E. Equipment

Due to the scarcity of mimeograph paper supplied by the Government it has become necessary for the Yellowstone Library and Museum Association to purchase mimeograph paper for the use of the Naturalist Department, particularly in connection with the publishing of Yellowstone Nature Notes. 50 reams were purchased in August.

F. Photographs:

Practically no work was done in the darkroom during the month by any of the Park Service employees but Mr. Ray Wilcox who is doing geological research used the darkroom for a day and a half to develop some negatives and make some prints with his own materials.

G. Lantern Slides and Kodaslides:

Lantern slides are still charged to the museums as follows:

Fishing Bridge	340
Mammoth	312
Canyon	290
Old Faithful	350

A. Library:

Also Bangwed Dalco of Lindgrove was employed by the Tallwelsse Library and Essex Association during its search to avoid the library overlooking and falling up to date.

The Library statistics order (Alone):

Books in circulation	[illegible]
Books reserved during August.	[illegible]
Installing lack of books.	[illegible]
Thefts (reviewed during August) . .	[illegible]
Subscribers reserved during August. . .	[illegible]

B. Staff:

All members were even such day during the month of August. In addition, the station on St. Thomas was manned by a roster schedule and a temporary clerk, Mr. Roger Mulwaley (working until August 30), and the temporary roster reading Theodore Ivanovic.

C. Equipment

Due to the scarcity of elementary paper supplies by the Government in the Dorne Commonwealth the Tallwelsse Library and Essex Association is providing elementary paper for the use of the Kobayashi Department, particularly in connection with the publication of Tallwelsse Street Index. To which was provided it hereby.

D. Publicity:

Particularly as such was lack in the Dorne Public the month by one of the full Service equipment for Mr. Ray Allen and in doing publicity remarks used the Dorne Times for a day and a half in having also installed the main room urgent with his own artwork.

E. Donors Gifts and Donations:

Donors gifts are still charged in the revenue as follows:

Fading Tales	[illegible]
Bounds	[illegible]
Dorne	[illegible]
Bel Planet	[illegible]

An estimated 400 lantern slides will be used each week at each one of these four points, or a total of 6400 lantern slides in the Park each month.

Tower Falls is charged with 226 kodaslides and West Thumb is charged with 201 kodaslides for the campfire programs. It is estimated that 300 kodaslides each week will be used at each one of these places, or a total of 2400 each month.

1600 feet of kodachrome movie film were used during the month by Assistant Park Naturalist David Condon.

Assistant Naturalist Condon took 300 feet of kodachrome movies during the month.

Mr. Kearns made a number of enlargements for duplicate copies of his report on the Madison Junction Museum.

H. Publicity Clippings:

Numerous publicity clippings were received but none of them filed during the month.

I. Thermal Activity:

One of the most colorful springs in the Mammoth Hot Springs area is Opal Terrace immediately behind the tennis court on the level of the parade ground. However, this is spreading rapidly toward the tennis court and it seems that it will be necessary before long to remove the court or the spring will spread over it.

Activity in the Norris Geyser Basin is much the same as usual. Valentine Geyser erupted three times during the month in daylight although it may have erupted other times when it was not recorded.

Geyser activity in the upper basin was a little bit more pronounced than during July. Lone Star, Grand, Riverside, Daisy, and Old Faithful and many times the Great Fountain Geysers were so regular that visitors could be advised in advance and thereby many people saw the eruptions of these geysers.

An estimated 1,000 lantern slides will be used each week at each one of these four points, or a total of 4,000 lantern slides in the Park each month.

Front Pole is charged with 200 bedslides and Rest Pond is charged with 100 bedslides for the graphite programs. It is estimated that 700 bedslides each week will be used at each one of these places, or a total of 2,800 each month.

1500 feet of bedstream movie film were used during the month by Assistant Park Naturalist David Condon.

Assistant Naturalist Denise took 200 feet of bedstream movies during the month.

Mr. Torres made a number of enlargements for Bryllwate copies of his report on the Balloon Frontier Museum.

E. Bulletin Slippings:

Numerous bulletin slippings were received out most of them filed during the month.

F. Thermal Activity:

One of the most colorful springs in the Mount Hot Springs area is Opal Terrace Annulation behind the tennis court on the level of the parade ground. However, this is spreading rapidly toward the tennis court and it seems that it will be necessary before long to remove the court or the spring will spread over it.

Activity in the Morris Geyser basin is much the same as usual. Valentine Geyser erupted three times during the month in daylight although it may have erupted other times when it was not reported.

Geyser activity in the upper basin was a little bit more pronounced than during July. Lone Star, Grand, Riverside, Daisy, and Old Faithful and many times the Great Fountain Geyser were so regular that visitors could be advised in advance and thereby many people saw the eruptions of these geysers.

Ranger Naturalists in the basin observed these geysers many times and also the following:

Bulger	Rift
Sinter	Spa
Jewel	Tardy
Sapphire	Triplets
Cauliflower	White Dome
Sawmill	Bead
Little Sawmill	Great Fountain
Spasmodic	Kaleidascope
Solitary	Spanker
Anemone	Black Pearl
Shell	Model
Restless	Grotto
Round Spring	Rocket

R. Research:

Some observations were made of trumpeter swan during the month. Perhaps one of the most interesting was made on August 2 by Mr. Condon when he noted one of the adults in Grebe Lake flap its wings and throwing off hundreds of feathers. It seems that this was about the climax of the moulting period for this swan and when it had finished flapping its wings it had no primaries left.

No census was taken in August of trumpeter swan because of the large amount of fire suppression work going on.

As stated earlier, the Park Naturalist had several conferences with the parties doing research work in the Park during August. Dr. Charles B. Read came the first of the month and remained until the 23rd and was assisted by H. W. Ervin, and for the first week by Dr. R. W. Brown and his assistant, C. E. Staudte. From the data obtained, these men will probably prepare a technical bulletin for the United States Geological Survey which will replace the one prepared by Dr. F. H. Knowlton years ago. Furthermore, Dr. Read will prepare a popular account of the petrified trees of the Specimen Ridge area which may probably be published for sale either by the National Park Service or the Yellowstone Library and Museum Association.

An exhibit of fossil forests and fossil plants it to be prepared by Dr. Read for installation in the Mammoth Museum. This exhibit is to be used in a wall case about

Because [illegible] in the lists mentioned above [illegible] may [illegible] and also [illegible] initially:

[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

[illegible]:

These observations were made at [illegible] after [illegible] [illegible]. [illegible] one of [illegible] [illegible] [illegible]

4' x 5' and will illustrate the story by samples, photographs, and thin sections. It is also planned that Park Naturalist Bauer and Dr. Read will prepare a paper on the petrifaction of wood.

The other party doing geological research under Dr. Ray Wilcox has included Robert Gates, Dan Turner, Ted Townsend, and two other young students from Wisconsin through most of the month. They have mapped in some detail an area about 10 miles square in Gardner's Hole, have determined the origin of some of the flows of basalt, and altogether state that they have found at least six cinder cones which have been definite sources of some of the material. One of these is Observation Peak, another is located on the flank of Horse Shoe Hill. Further details will be given on this matter when their paper is prepared for publication.

J. Personnel:

Dr. C. Max Bauer was on duty all month as Park Naturalist.

Assistant Park Naturalist William E. Kearns was on duty until his resignation on August 15.

Assistant Park Naturalist David De Lancey Condon was on duty all month.

Clerk Stenographer LeRoy Van Cott was on duty all month except one-half day on August 31.

The following janitors were employed during the month of August:
Warren Gelvick at Fishing Bridge Museum
Andy Riddle at Old Faithful Museum
Harold Sampson at Mammoth Museum
Doyle Smith at Mammoth Museum

Margaret Smith, librarian, was employed throughout the month by the Yellowstone Library and Museum Association.

PROPOSED OUTLINE OF WORK FOR SEPTEMBER

The closing dates for our museums are as follows:

Madison Junction Museum	Evening of September 2
Norris Museum	Noon of September 3
Fishing Bridge Museum	Evening of September 12
Old Faithful Museum	Evening of September 16
Mammoth Museum	Evening of September 22

[illegible]

[illegible]

[illegible]

It is planned to carry on as many of the activities after Labor Day as possible with the men available. However, since there will only be two men at a station after September 3, it is probable that the activities will consist of keeping the museums open and clean, information desk duty, and camp fire programs each night at 8:00 p.m. at Mammoth, Old Faithful, and Fishing Bridge.

Assistant Naturalist Condon who is in charge of property for the Naturalist Department will check out the ranger naturalists as they leave and return property to the commissary and take care of such other property as must be locked up or removed from the present location. In this work he will be assisted by one of the janitors until September 12 after which all of the work will be done by Mr. Condon with the assistance of one of the ranger naturalists.

The Park Naturalist plans to supervise the closing of all the museums and checking out of the museum ranger naturalists. He also hopes to check some of the field work of the research parties who have been here this summer. In addition to this he will prepare a report on the activities of the Yellowstone Library and Museum Association for the last year and hopes to start the preparation of a paper on "The Origin and Development of Geyser Basins."

Considerable correspondence will also be handled by the Naturalist Department.

Respectfully submitted,

C. Max Bauer

C. Max Bauer,
Park Naturalist.

CC: Director
Russell
Regional Director, II
Bumpus
File
Museum
CMB:LVC

It is planned to carry on as many of the activities after later they be possible with the new available. However, since there will only be the use of a similar size Exposition I, it is probable that the activities will consist of leasing the ex-war-open and closed, Information Desk duty, and many free pro-grams and exits at 1000 yes, at breakfast, tea minutes, and Friday Drives.

Interest Officials Lucky who are in charge of property for the Exposition Department will come out the winner gen-erally as they have the entire property in the residency and take care of some other property in area Ex-Lucky to be rented from the private landlord. In this way it will be ar-rived by one of the Exposition Lucky Department in other means all of the rent will be done by Mr. Jenkins with the assistance of one of the Lucky Residents.

The Park Commission plans to supervise the display of all the machine and showing and of the machine whose Commission. The also hopes to close some of the Park work of the remaining parties who have been here this summer. It intends to do so will prepare a report on the activities of the Commission. Every consideration is considering for the Park year and hopes to assist the preparation of a report on "The Bright and Development of Lucky Lucky."

Detailed correspondence will also be handled by the Personnel Department.

Respectfully submitted,

(D) ..... G.....
Co. Park Commr.
Park Commission.

CC: Director
Director
Regional Director, II
Manager
Fiio
Manager
GMD:LVO

MONTHLY STATISTICAL REPORT OF INTERPRETATIONAL CONTACTS

Yellowstone National Park
Name of Area

Personnel Engaged in Interpretative Activities

	Naturalist	Custodian	Other
Permanent	3		
Temporary	22		

August
Month

1940
Year

CONDUCTED TRIPS

Type	No.	Attend.	ATTEND. TOTALS
Auto Caravans no. cars 1190	122	4186	
Hiking Trips	467	31633	
*Game Stalks no. cars 288	31	987	
*Special Parties	1	2	
Total	621	XXXXX	36808

*LIST OTHER TYPES AS: BOAT, HORSEBACK, ETC.

LECTURES

Type	No.	Attend.	
Campfire	179	60389	
Hotel or Lodge	31	5300	
Museum	398	27502	
Outside of Park			
Special**			
Bear Talk	62	53908	
Total	670	XXXXX	147099

**INCLUDES ALL OTHER TYPES AS: SPECIAL PARTIES, BEARS, ETC.

ATTENDED INTERPRETATIONAL STATIONS

Name of Station	Attend	
Yellowstone Museums	178,269	
Old Faithful Cone Count	135,274	Mt. Washburn - Open all month
Old Faithful Basin Contacts	18,156	
Artist Point at Canyon	18,204	17,884 people
Grand View at Canyon	11,022	
Tower Falls Observation Platform	25,779	
	XXXXXX	404,588

LIST BY NAME AND TYPE AS: YAVAPAI, GLACIER POINT OVERLOOK, ETC.

UNATTENDED INTERPRETATIONAL STATIONS

Name of Station, Nature Trail, etc.	Attend.	
Beaver Field Exhibit	72,000	
Obsidian Cliff Exhibit	25,000	
Nymph Lake Exhibit	8,000	
Tuff Cliff Exhibit	1,500	
Firehole Canyon Exhibit	55,000	
	XXXXX	161,500

LIST BY NAME AND TYPE AS: FOSSIL FERN TRAILSIDE EXHIBIT, DANTE'S VIEW OVERLOOK, ROCK CREEK NATURE TRAIL, GAMLIN CABIN TRAILSIDE MUSEUM, ETC.

TOTAL CONTACTS 749,995

TOTAL VISITORS 170,945

BROADCASTS

Station	Subject

C. Max Bauer
PARK NATURALIST C. Max Bauer

MAIL THROUGH REGULAR CHANNELS TO NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE 10TH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DEPARTMENT

FOR

SEPTEMBER 1940

I. CURRENT OPERATIONS

A. Public Contact

Visitors: Director Newton B. Drury came in the Park on September 10 and visited our museum on the morning of September 14. He left the Park on the afternoon of the 14th. The Director was accompanied by Mrs. Drury.

Dr. Cassius M. Shepard and Mrs. Shepard of Columbus, Ohio came in for several weeks on September 20.

Lectures: On September 24 Park Naturalist Bauer gave a talk on the Economic Value of Recreational Travel to the combined group of the Kiwanis and Chamber of Commerce of Billings, Montana. 240 were present.

B. Ranger Naturalists:

The following ranger naturalists terminated their duty period in September:

Harry Bauer	September 3 noon
Homer Smith	September 3 noon
Trusten Peery	September 2 close
Wayne Replogle	September 4 noon
Chauncey Holmes	September 3 noon
Lowell Stagner	September 2 close
Willis Eggler	September 12 noon
Fred Bieberdorf	September 3 noon
Lowell Biddulph	September 3 noon
Bernarr Bates	September 10 close
Arthur Nash	September 12 noon
Sam Beal	September 16 noon
Joe Catmull	September 15 close
Harry Truman	September 15 close
Ferd Kleinschnitz	September 23 close

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DEPARTMENT

FOR

SEPTEMBER 1940

I. CURRENT OPERATIONS

A. Public Contact

Visitors: Director Newton B. Drury came in the Park on September 10 and visited our museum on the morning of September 11. He left the Park on the afternoon of the 11th. The Director was accompanied by Mrs. Drury.

Dr. Cassius M. Cooper and Mrs. Cooper of Baltimore, Ohio came in for several weeks on September 20.

Lectures: On September 21, Park Naturalist Dean gave a talk on the Economic Value of Recreational Travel to the combined group of the Elements and Chamber of Commerce of Billings, Montana. 240 were present.

B. Ranger Naturalists:

The following ranger naturalists terminated their duty period in September:

Harry Baker	September 3 noon
Homer Smith	September 3 noon
Truston Henry	September 3 close
Wayne Replogle	September 1 noon
Chauncey Thomas	September 3 noon
Lowell Thomas	September 3 close
Willis Taylor	September 12 noon
Fred Rieberdorf	September 1 noon
Lowell Hidalgo	September 3 noon
Dorsey Dates	September 13 close
Arthur Peel	September 12 noon
Ben Neal	September 12 noon
Jon Schnell	September 13 close
Harry Thomas	September 13 close
Fred Stalinskiitz	September 13 close

Trumpeter Swans and Cygnets resting

hoto by Condon

II. PERMANENT PROJECTS:

A. Administration

The Naturalist Department was under the supervision of Park Naturalist C. Max Bauer throughout the month. Field trips were taken as follows:

September 1 and 2 to Lake and Fishing Bridge and West Thumb
September 6 with Assistant Naturalist Condon to Grebe Lake
September 8 to Norris, Madison Junction and Old Faithful
September 10 to Canyon
September 11 to Tower Falls and the Lamar River Valley
September 14 to the Grand Teton National Park and returning on September 15
September 23 to Billings and returning on the 24th
September 27 to Buffalo Ranch, Cooke City, and the Clarks Fork Valley and return
September 29 to the Madison Valley and return

The closing of the museums and the care of property was largely in the hands of Assistant Naturalist Condon. His field trips during the month were as follows:

September 2 to West Thumb
September 3 to Tower Falls and Fishing Bridge Museum
September 5 to Madison Junction and Old Faithful
September 6 to Grebe Lake with the Park Naturalist
September 10 to Old Faithful
September 11 to Canyon
September 12 to Fishing Bridge to close up the museum and cabins
September 16 to Old Faithful to check out publications
September 19 around the grand loop with the Park Naturalist
September 21 to Old Faithful
September 24 to Old Faithful to close up the museum and cabins
September 25 to Fishing Bridge to remodel the cottage

II. PERMANENT PROJECTS:

A. Administration

The Naturalist Department was under the supervision of Park Naturalist S. Ben Sauer throughout the month. Field trips were taken as follows:

September 1 and 2 to Lake and Fishing Bridge and West Thumb
September 6 with Assistant Naturalist Lemmon to Grebe Lake
September 8 to Norris, Madison Junction and Old Faithful
September 10 to Canyon
September 11 to Tower Falls and the Lamar River Valley
September 14 to the Grand Teton National Park and returning on September 17
September 17 to Billings and returning on the Ninth
September 27 to Buffalo Ranch, Tower City, and the Slatko Park Valley and return
September 30 to the Madison Valley and return

The closing of the museum and the issue of property was largely in the hands of Assistant Naturalist Lemmon. His field trips during the month were as follows:

September 2 to West Thumb
September 3 to Tower Falls and Fishing Bridge Museum
September 9 to Madison Junction and Old Faithful
September 6 to Grebe Lake with the Park Naturalist
September 10 to Old Faithful
September 11 to Canyon
September 12 to Fishing Bridge to close up the museum and cabins
September 15 to Old Faithful to cover out publications
September 19 around the grand loop with the Park Naturalist
September 21 to Old Faithful
September 24 to Old Faithful to close up the museum and cabins
September 25 to Fishing Bridge to remedel the cottage

Bull Moose in the velvet feeding on equalis water plants

Photo by Jenkins

September 26 to Old Faithful
September 27 to Fishing Bridge to complete closing of the museum and cottages.

Assistant Naturalist Condon has carried on some research on the Trumpeter Swans in connection with routine trips into the Park and contributed most of the information on the census of the Trumpeter Swans for this year.

He has also done some photographic work during the month which includes 88 contact prints, 8 enlargements, and the development of two rolls of film and one film pack.

The handling of sales publications and closing out of the information desks and checking of these accounts has been handled entirely by Mr. Condon.

B. Nature Notes:

Plans for Nature Notes have been made and a cover design was prepared by Ranger Naturalist George Marler.

C. Library:

The list of books charged out to the Fishing Bridge and Old Faithful museums were turned back and checked into the main library.

The library statistics are as follows:

Books in circulation.	3
Books received during September	1
Indefinite loan of books.	0
Pamphlets received during September . .	10
Magazines received during September . .	17

D. Museums:

The closing dates for all the museums are as follows:

Norris Museum	September 3, 5 p.m.
Madison Junction Museum	September 3, close
Fishing Bridge Museum	September 12, noon
Old Faithful Museum	September 22, close
Mammoth Museum	September 23, close of day

September 26 to Old Faithful
September 27 to Fishing Bridge to complete
closing of the museum and cottages.

Assistant Naturalist Gordon has carried on some research on the Trompeter Swans in connection with resting trips into the Park and contributed most of the information on the seasons of the Trompeter Swans for this year.

He has also done some photographic work during the month which includes 28 correct prints, 8 enlargements, and the development of two rolls of film and one film pack.

The handling of sales publications and closing out of the information books and checking of these records has been handled entirely by Mr. Gordon.

B. Nature Notes:

Plans for Nature Notes have been made and a cover design was prepared by Ranger Naturalist George Mayfair.

C. Library:

The list of Books changed out to the Fishing Bridge and Old Faithful museums were turned back and checked into the main library.

The library statistics are as follows:

Books in circulation. 1
Books received during September 2
Indefinite load of books. 8
Pamphlets received during September . . 18
Magazines received during September . . 17

D. Museums:

The closing dates for all the museums are as follows:

Norris Museum September 3, 5 p.m.
Madison Junction Museum September 5, close
Fishing Bridge Museum September 12, close
Old Faithful Museum September 23, close
Mammoth Museum September 27, close of day

E. Equipment

No equipment was received for the Naturalist Department during the month of September.

F. Photographs:

Only a small amount of work was done in the dark room during the month because of the closing up of the ERA project and the lack of any available CCC enrollees who could undertake the work.

Assistant Naturalist David Condon did a little photographic work as follows:

88 contact prints made
8 enlargements made
2 rolls of film developed
1 film pack developed

G. Lantern Slides and Kodaslides:

The lantern slides used at the various camp fire lectures during the summer season have all been turned back to the Headquarters museum and checked in. No slides were missing but several were broken which will need to be repaired. The following slides were turned in from each place:

Fishing Bridge Museum	340
Mammoth Museum	312
Canyon	290
Old Faithful Museum	350

The kodaslides were used this season at Tower Falls and West Thumb. These have all been turned in and are in good order. Tower Falls checked in 226 kodaslides and West Thumb turned in 201 kodaslides.

No kodachrome nor black and white movie film were used during the month .

H. Publicity Clippings:

No work on publicity clippings has been done during the month.

5. Equipment

No equipment was available for the Detailed Inventory, nor during the period of Reconnaissance.

6. Personnel:

Only a small number of men are seen in the area from time to time. The number of men observed on or in the vicinity of the Jail was 24. No evidence of any activities or conditions was found concerning the work.

Prisoners observed were dressed in a light blue denim work or fatigues.

22	soldiers prison guards
1	military male
2	civilians of this country
1	civilian male European

8. Indoors Climate and Ventilation:

The Indoors climate year of the prison was very true inside during the summer months this all was taken place in the Reconnaissance months and October 20. In cities were already but several were having which will lead to a cool period. The following climate was varied in from and place:

Station Office Lounge	70
Security Lounge	71
Corridor	70
Old Prisoner Lounge	70

The installations were used this season at Tower Point and Water Closet. These were all been turned in and are in good order. Tower Point stopped in the preceding and Water Closet turned in the installations.

No Inspections for Lice and Bedbugs were Flies were used during the month.

9. Possibility Sabotage:

No work on possible sabotage has been done during the month.

I. Thermal Activity:

No unusual thermal activity was noted at the Mammoth Hot Springs or Norris or the Lower Geyser Basins. However at Old Faithful there were two important items of interest for the month of September.

Although Giant Geyser played only six times during the past five months it erupted on the night of September 13 and again at 2:00 p.m. on the 18th, making a 4-1/2 day interval which is the shortest interval ever recorded on the Giant Geyser. However, on the afternoon of the 18th it played for the usual 1-1/2 hour duration.

District Ranger Alcorn reported that the Giantess Geyser became active at 8:30 p.m. on September 25 and played until the following morning. This is the first time that it has been recorded in eruption since May 30, 1938.

The Beehive Geyserplayed on September 11 at 10:00 p.m. Other activity was much as usual.

It might be stated that the Grand Geyser was in action a number of times during the month of September with an interval of about 40 hours. The longest interval for the month was about 96 hours and the shortest interval noted for the season was 13 hours.

Another interesting thing is that Riverside Geyser has been checked on 28 eruptions with an average interval of 9 hours and 25 minutes. This geyser can be predicted with an error of only 3% which indicates that it is a surprisingly regular geyser.

R. Research:

The Park Naturalist has carried on some research in the relation of solution to the formation of geyser basins. A short statement on this will appear in the September-October issue of Nature Notes.

He has also prepared a list of names which after consultation with Superintendent Rogers and Mr. Jack E. Haynes will be presented to the United States Board on Geographic Names for approval.

1. Thermal Activity:

No unusual thermal activity was noted at the Roosevelt Hot Springs or Vernis or the Lower Geyser Basins. However at the Rockwell Shore were two important items of interest for the month of September.

Although Black Geyser played only six times during the past five months it erupted on the night of September 13 and again at 2:00 p.m. on the 1800, ending a 2-1/2 day interval which is the shortest interval ever recorded on the Black Geyser. However, on the afternoon of the 1800 it played for the usual 1-1/2 hour duration.

Bistrick Geyser Alcove reported that the Bistrick Geyser became active at 1:30 p.m. on September 23 and played until the following morning. This is the first time that it has been recorded in operation since May 30, 1910.

The Beehive Geyser played on Sept after 11 at 10:15 p.m. Other activity was much as usual.

It might be stated that the Grand Geyser was in action a number of times during the month of September with an interval of about 20 hours. The longest interval for the month was about 30 hours and the shortest interval detail for the period was 11 hours.

Another interesting thing is that Riverside Geyser has been checked on 20 erections with an average interval of 7 hours and 47 minutes. This geyser was so predicted with an error of only 20 which indicates that it is a surprisingly regular geyser.

2. Research:

The Park Naturalist was carried on some research in the relation of animals to the formation of geyser beings. A short statement on this will appear in the September Science Issue of Nature Notes.

He has also prepared a list of names which after consultation with Superintendent Record and Dr. Paul L. Haynes will be presented to the United States Board on Geographic Names for approval.

In cooperation with Dr. Charles B. Read, the Park Naturalist has begun a study of the petrification of wood as the process is shown in the silicious hot springs of the Park.

The Assistant Park Naturalist is carrying on observations of Trumpeter Swan.

J. Personnel:

Park Naturalist C. Max Bauer was on duty all month.

Assistant Park Naturalist David Condon was on duty all month.

Clerk Stenographer LeRoy Van Cott was on duty all month except 1-1/2 days of annual leave and 1 day of sick leave.

Ranger Naturalist George Marler was on duty all month. After the closing of the museum at Old Faithful he was assigned to special work in the Headquarters Museum at Mammoth.

Warren Gelvock, janitor at Fishing Bridge Museum was on duty until September 20.

Doyle Smith, janitor at Headquarters Museum was on duty until September 11.

Harold Sampson, janitor at Headquarters Museum was on duty until September 5.

Andy Riddle, janitor at Old Faithful Museum was on duty until September 25.

PROPOSED OUTLINE OF WORK FOR OCTOBER

The principal duties of the Naturalist Department throughout the month will be the preparation of seasonal reports for the activities during the summer and also for the Yellowstone Library and Museum Association annual meeting which comes in October. Assistant Park Naturalist Condon will report on the sales of publications for this season and the Park Naturalist, as Executive Secretary of the Yellowstone Library and Museum Association, will make out the annual report. Furthermore, plans are to be made for the proposed Fellowship to be granted by the Yellowstone Library and Museum Association.

In cooperation with Dr. Charles H. Reed, the Park Naturalist had begun a study of the publication of wood as the process is shown in the siltstone and springs of the Park.

The Assistant Park Naturalist is carrying on observations of Trumpeter Swan.

4. Personnel:

Park Naturalist L. Jan Sauer was on duty all month.

Assistant Park Naturalist David Gaskin was on duty all month.

Clerk Stenographer Lucky Van Dyk was on duty all month except 1-1/2 days of annual leave and 1 day of sick leave.

Ranger Naturalist George Shiler was on duty all month. After the closing of the museum at Elk Faithful he was assigned to special work in the Conservation Museum of Yellowstone.

Warren Dalrock, janitor at Visitors Center Museum was on duty until September 20.

Doris Smith, janitor at Conservation Museum was on duty until September 11.

Harold Sheppard, janitor at Conservation Museum was on duty until September 5.

Lady Alicia, janitor at Elk Faithful Museum was on duty until September 23.

PROPOSED DUTIES OF PARK FOR OCTOBER

The principal duties of the Naturalist Department throughout the month will be the preparation of seasonal reports for the activities during the summer and sing for the Yellowstone Library and Museum Association annual meeting which comes in October. Reed Stock Park Naturalist Gaskin will report on the sales of publications for this season and the Park Naturalist, as Executive Secretary of the Yellowstone Library and Museum Association, will make out the annual report. Furthermore, plans are to be made for the proposed Fellowship to be granted by the Yellowstone Library and Museum Association.

Nature Notes is to be published early in October and the editorial work and making of the stencils will consume several days.

Plans for the winter work of the Naturalist Department will be made and also preparations will be made for the Naturalist Conference to be held in November.

A large number of kodaslides to be bound will be worked on during the early part of the month by Ranger Naturalist Marler.

Respectfully submitted,

C. Max Bauer,
Park Naturalist.

CC: Director
Russell
Regional Director, II
Bumpus
File
Museum
CMB:LVC

MONTHLY STATISTICAL REPORT OF INTERPRETATIONAL CONTACTS

Yellowstone National Park
Name of Area

Personnel Engaged in Interpretative Activities

	Naturalist	Custodian	Other
Permanent	2		
Temporary	16		

September
Month
1940
Year

CONDUCTED TRIPS

Type	No.	Attend.	ATTEND. TOTALS
Auto Caravans	5	132	
Hiking Trips	63	1369	
* Game Stalks	1	15	
* Special Parties	~~69~~	~~1516~~	
Total	69	XXXXX	1516

*LIST OTHER TYPES AS: BOAT, HORSEBACK, ETC.

LECTURES

Type	No.	Attend.	
Campfire	48	5554	
Hotel or Lodge	2	175	
Museum	29	1084	
Outside of Park Billings 240			
Special**			
Bear Talk	22	6895	
Total	101	XXXXX	13708

**INCLUDES ALL OTHER TYPES AS: SPECIAL PARTIES, BEARS, ETC.

ATTENDED INTERPRETATIONAL STATIONS

Name of Station	Attend	
Yellowstone Museums	23426	
Old Faithful Cone Count	21055	Mt. Washburn -
Old Faithful Basin Contacts	2920	
Artist Point	3810	5500 (estimated)
Grand View	1019	
Tower Falls Observation Platform	1446	
	XXXXXX	59176

LIST BY NAME AND TYPE AS: YAVAPAI, GLACIER POINT OVERLOOK, ETC.

UNATTENDED INTERPRETATIONAL STATIONS

Name of Station, Nature Trail, etc.	Attend.	
Beaver Field Exhibit	21000	
Obsidian Cliff Exhibit	8000	
Nymph Lake Exhibit	2000	
Tuff Cliff Exhibit	500	
Firehole Canyon Exhibit	18000	49,500
	XXXXX	~~123,900~~

LIST BY NAME AND TYPE AS: FOSSIL FERN TRAILSIDE EXHIBIT, DANTE'S VIEW OVERLOOK, ROCK CREEK NATURE TRAIL, GAMLIN CABIN TRAILSIDE MUSEUM, ETC.

TOTAL CONTACTS 123,900

TOTAL VISITORS 50564

BROADCASTS

Station	Subject

PARK NATURALIST C. Max Bauer

MAIL THROUGH REGULAR CHANNELS TO NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE 10TH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

MONTHLY STATISTICAL REPORT OF INTERPRETATIONAL CONTACTS

Yellowstone National Park
Name of Area

June 1/~~39~~ 40 to Sept.30/40
SEASON

~~Month~~

Year

Personnel Engaged in Interpretative Activities

	Naturalist	Custodian	Other
Permanent			
Temporary			

CONDUCTED TRIPS

Type	No.	Attend.	ATTEND. TOTALS
Auto Caravans	310	10305	
Hiking Trips	1178	68763	
* Game Stalk	75	2329	
* Special Parties	22	827	
Total	1585	XXXXX	82224

*LIST OTHER TYPES AS: BOAT, HORSEBACK, ETC.

LECTURES

Type	No.	Attend.	
Campfire	525	141292	
Hotel or Lodge	33	5475	
Museum	1143	56157	
Outside of Park	1	150	
Special**	3	630	
Bear Talk	157	132752	
Total	1862	XXXXX	336456

**INCLUDES ALL OTHER TYPES AS: SPECIAL PARTIES, BEARS, ETC.

ATTENDED INTERPRETATIONAL STATIONS

Name of Station	Attend.	
Yellowstone Museums	423614	
Old Faithful Cone Count	372327	Mt. Washburn
Old Faithful Basin Contacts	52718	
Artist Point at Canyon	47134	27528
Grand View at Canyon	25351	
Tower Falls Observation Platform	62291	
	XXXXXX	1010963

LIST BY NAME AND TYPE AS: YAVAPAI, GLACIER POINT OVERLOOK, ETC.

UNATTENDED INTERPRETATIONAL STATIONS

Name of Station, Nature Trail, etc.	Attend.	
Beaver Field Exhibit (Estimated)	170333	
Obsidian Cliff Exhibit "	61294	
Nymph Lake Exhibit "	21020	
Tuff Cliff Exhibit "	4800	
Firehole Canyon Exhibit "	128450	
	XXXXX	385897

LIST BY NAME AND TYPE AS: FOSSIL FERN TRAILSIDE EXHIBIT, DANTE'S VIEW OVERLOOK, ROCK CREEK NATURE TRAIL, GAMLIN CABIN TRAILSIDE MUSEUM, ETC.

TOTAL CONTACTS 1815540

TOTAL VISITORS 477795

BROADCASTS

Station	Subject

PARK NATURALIST C. Max Bauer

MAIL THROUGH REGULAR CHANNELS TO NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE 10TH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DEPARTMENT

FOR

OCTOBER 1940

I. CURRENT OPERATIONS

A. Public Contact

Visitors: Although October was a fine month this year the travel dropped off considerably after the usual park season. No special visitors are reported for the month of October.

Lectures: No special lectures were given during October.

B. Ranger Naturalists:

Only one ranger naturalist remained into October, Mr. George Marler, who remained on duty until October 11th.

The personnel record of the ranger naturalists was made out late in October and has been submitted to the Superintendent's Office and to the Washington Office.

II. PERMANENT PROJECTS

A. Administration

Park Naturalist Bauer was on duty all month and in charge of the work of the Naturalist Department.

Assistant Naturalist David Condon was on duty until the close of the 25th and assisted in handling the usual closing up of museums, taking care of property and the quarters occupied by ranger naturalists during the summer season.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DEPARTMENT

FOR

OCTOBER 1940

I. CURRENT OPERATIONS

A. Public Contact

Visitors: Although October had a fine month this year the travel dropped off considerably after the usual park season. No special visitors are reported for the month of October.

Lectures: No special lectures were given during October.

B. Ranger Naturalists:

Only one ranger naturalist remained late October, Mr. George Marler, who remained on duty until October 1940.

The personnel record of the ranger naturalists was made out late in October and has been submitted to the Superintendent's Office and to the Washington Office.

II. PERMANENT PROJECTS

A. Administration

Park Naturalist Tower was on duty all month and in charge of the work of the Naturalist Department.

Assistant Naturalist David Bondon was on duty until the close of the [illegible] and assisted in handling the usual closing up of business, taking care of property and the quarters occupied by ranger naturalists during the summer season.

Both the Park Naturalist and the Assistant Park Naturalist were busy a great deal of the time with affairs of the Yellowstone Library and Museum Association. The closing up of the book sales accounts and the making of the Secretary's report for the annual meeting of the Association occupied several days each. The annual meeting of the Board of the Yellowstone Library and Museum Association was called for two o'clock on October 17 and due to the fact that the business was not all finished in that meeting, postponement to 10 o'clock October 23 enabled the Board to complete a rather large program of business.

The Park Naturalist made a number of field trips with Superintendent Rogers and Mr. Haynes to examine areas rarely or ever visited and to gather geographic and other data for the Place N ames project.

Assistant Park Naturalist Condon accompanied Regional Wildlife Technician Dan Beard, Junior, several days on field trips and had conferences on the trend of wildlife in the Park with him.

Several days were also devoted by the Park Naturalist and Assistant Park Naturalist Condon in selecting kodaslides.

B. Nature Notes:

Due to the lack of help in the mimeograph room this publication was ready for mimeographing on the 7th but was not put out until the 18th or 19th. This time it was mailed out to list of 588 persons.

C. Library

The library statistics are as follows:

Books in circulation.	4
Books received during September	2
Indefinite loan of books.	2
Pamphlets received during October	12
Magazines received during October	19

D. Museums:

All museums were closed throughout the Park during the month of October.

[illegible]

Soon the Dairymaids had the satisfaction that Dairy-maids were being a useful part of the time with Actaeon of the Tallyhoe Library and Steven Associations. The plating up of the back yard showed that the making of the Dairymaid's report for the annual meeting of the Steven Association occupied many days work. The annual meeting of the Board of the Tallyhoe Library and Steven Association was called for the afternoon of September 27 and was so the day that the Dairymaids was not all finished it was quite a big performance to [illegible] drawing to enabled the Board to complete a rather long course of business.

The Dairymaids made a number of visits with Steve Laboratory Players and Dr. Dayton to Hamilton where [illegible] in some [illegible] and [illegible] performances and [illegible] for the Phase I game [illegible].

Dairymaids this afternoon [illegible] Technical Institute Dairymaids Club Event. Dairymaids [illegible] on this [illegible] on the Tower of [illegible] in the [illegible].

Typical Dairy [illegible] in the Dairy [illegible] [illegible] Dairymaids [illegible] in [illegible].

2. Future Plans:

Now in the [illegible] of Dairy in the [illegible] [illegible] [illegible] ready for [illegible] in the [illegible] [illegible] [illegible]

E. Equipment:

The large movie projector belonging to the Yellowstone Library and Museum Association was returned to Bell and Howell factory for conditioning.

The Yellowstone Library and Museum Association purchased 500 kodaslide binders for the department.

F. Photographs:

All developing and printing of routine photographs was made by the Haynes Picture Shops since there is no one available at the present time to run the darkroom.

G. Lantern Slides and Kodaslides:

Clerk Stenographer LeRoy Van Cott has been preparing a plan and working on the organization and filing of the kodaslides. Our lantern slides have already been put away in the cabinets and they came through the season in very good condition. All of the old lantern slides have been properly filed. Mr. Van Cott is now checking up all of our kodaslides and arranging them in order for filing. This will be carried on until the new kodaslide file is complete.

No kodachrome nor black and white movie film were used during the month.

H. Publicity Clippings:

Several days' work on publicity clippings was done by Ranger Naturalist George Marler while he was still on duty. It is hoped that these can be brought up to date in the next month or so by CCC help.

I. Thermal Activity:

An area which is seldom visited by the public was visited this month by Superintendent Rogers, Jack E. Haynes, and Park Naturalist Bauer. This area is on Sentinel Creek and is the western part of the lower geyser basin. In the early days visitors came in from the west entrance over the plateau road as it was called which came through

4. Equipment

The large movie projector belonging to the Tulsa-Alpha Library and Screen Association was returned as well as small library for exhibitions.

The Tulsa-Alpha Library and Screen Association purchased two portable screens for its lecture-rooms.

5. Photography.

All photography and printing of public pictures and work by the Public Library Film Alpha Film is on file available at the present time to our members.

6. Lantern Slides and Portables.

Slides photographed before the film the lens required a plan and review of the requirements for filing of the portables. The lantern slides have already been put away in the cabinets and they are ready to receive the music to well and beautiful. All of the old lantern slides have been properly filed. So, the work is now complete in all of our portables and everything that is under in filing. This will be carried on until the new lantern file is ready.

By Thanksgiving the slides will be ready for the use and ready for work.

7. Publicity Committee.

Several days' work on publicity committee was done by Director Extension Library during the year 1921 in Ohio. It is hoped that these can be brought up to date in the near month or so by 1921 Ohio.

8. Funeral Activity.

At time which is action carried by the public was related this month to departmental Library, Mrs. E. Jones, and Book Extension Bureau. This area is an important field and is the western part of the large rural Ohio. In the early days relations made it from the west towards over the global road as it was called which was already

A view of Lower Falls showing the new platform at the end of the Red Rock Trail

Photo by Condon

New Fire Lookout and public contact station on the top of Mount Washburn

Photo by Condon

the timber paralleling Sentinel Creek on the north. Hence the many interesting cones referred to generally as sentinels were very attractive to the visitors because they were separated by a wide expanse of grass land. The area was found to be very interesting. To begin with, the water in each one of these isolated cones appeared to be very hot. The names of the features present in the area are Mound Spring, Steep Cone, Flat Cone, Rosette Geyser, and the Queen's Laundry or Red Terrace. All of these are rather large features separated as stated above by considerable expanse of grass land and covering an area of about 1 mile in diameter.

Another area visited by the same party at another time was on Fairy Creek where many interesting features including hot springs and geysers were seen and also a trip to the top of the Twin Buttes showed that these buttes consisted of stratified lake deposits and consolidated glacial till. Whether any of the lake deposits may be Pleiocene or not has not been determined, but that the tops of these hills are covered with consolidated glacial drift is substantiated by all of those who visited it.

Other thermal activity in the Park was about as usual. There is no important change to report.

R. Research:

Assistant Park Naturalist David Condon spent several days in the field with Wildlife Technician Beard and has made further observations on Trumpeter Swan.

The Park Naturalist spent about three days in checking over a list of names with Mr. Haynes to be submitted to the United States Board on Geographic Names for approval. This work is almost an endless job inasmuch as it involves not only geographic study and understanding but historical reading is necessary in order to get the proper understanding and get the correct names attached to the proper features.

The Yellowstone Library and Museum Association Board passed a resolution to set up a research Fellowship which this year will pay in the amount of $250.00 and will be on some phase of the history of Yellowstone National Park.

the visitor participation instead [illegible] on the [illegible]. Among the many [illegible] which related to [illegible] as mentioned were many activities in the [illegible] [illegible] which they were [illegible] to a [illegible] [illegible] [illegible]. The [illegible] was found to be very [illegible]. It [illegible] with, the water is [illegible] [illegible] [illegible] [illegible] appeared to be very [illegible]. The [illegible] of the [illegible] [illegible] [illegible] [illegible]

J. Personnel

Park Naturalist C. Max Bauer was on duty all month.

Assistant Park Naturalist David Condon was on duty except 3 hours on the 23rd, and also from the 26th on to the end of the month he was on leave.

Clerk Stenographer LeRoy Van Cott was on duty all month except 1 hour of leave on the 9th, 1 hour on the 15th, and on the 23rd.

Advice has been received from the Washington Office that the transfer of Mr. Albert E. Long from Boulder Dam National Recreational Area to Yellowstone National Park has been approved.

Ranger Naturalist George Marler was on duty up until the 11th of October.

PROPOSED OUTLINE OF WORK FOR NOVEMBER

The month of November is going to be fairly well occupied with the Naturalist Conference to be held in Grand Canyon National Park from November 13 to 16 inclusive. In order that we may reach the conference it will be necessary to leave here on November 10 and return on the 20th. It may actually run over a day or so. A paper has already been prepared by Park Naturalist Bauer on The Relationship of the Naturalists with the Operators, Their Employees, and Programs with an additional statement on The Activities of the Naturalists Outside of their Respective Park Areas. Another paper has been prepared by Assistant Park Naturalist David Condon on Game Stalks in the National Parks.

The rest of the month of November will be devoted to routine matters more or less. There is always a great deal of correspondence to handle at this time of year and the preparation for the winter program of research and study will be carried on. Also Clerk Stenographer LeRoy Van Cott is planning on working on the kodaslide filing so that this particular aid to our program will be in first class condition.

The Park Naturalist plans to get out an announcement on the Fellowship which will be sent to a number of colleges and universities in the Rocky Mountain Region.

Respectfully submitted,

C. Max Bauer

C. Max Bauer,
Park Naturalist.

CC: Director
Russell
Regional Director, II
Bumpus
File
Museum
CMB:LVC

4. [illegible]

[illegible]

[illegible]

[

MONTHLY STATISTICAL REPORT OF INTERPRETATIONAL CONTACTS

Yellowstone National Park
Name of Area

Personnel Engaged in Interpretative Activities

	Naturalist	Custodian	Other
Permanent	2		
Temporary			

October
Month
1940
Year

CONDUCTED TRIPS

Type	No.	Attend.	ATTEND. TOTALS
Auto Caravans			
Hiking Trips			
*			
*			
Total		XXXXX	

*LIST OTHER TYPES AS: BOAT, HORSEBACK, ETC.

LECTURES

Type	No.	Attend.
Campfire		
Hotel or Lodge		
Museum		
Outside of Park		
Special**		
Total		XXXXX

**INCLUDES ALL OTHER TYPES AS: SPECIAL PARTIES, BEARS, ETC.

ATTENDED INTERPRETATIONAL STATIONS

Name of Station	Attend
	XXXXXX

LIST BY NAME AND TYPE AS: YAVAPAI, GLACIER POINT OVERLOOK, ETC.

UNATTENDED INTERPRETATIONAL STATIONS

Name of Station, Nature Trail, etc.	Attend.
	XXXXX

LIST BY NAME AND TYPE AS: FOSSIL FERN TRAILSIDE EXHIBIT, DANTE'S VIEW OVERLOOK, ROCK CREEK NATURE TRAIL, GAMLIN CABIN TRAILSIDE MUSEUM, ETC.

TOTAL CONTACTS no special contacts

BROADCASTS

Station	Subject

TOTAL VISITORS 10,736

Max. Bauer
PARK NATURALIST C. Max Bauer

MAIL THROUGH REGULAR CHANNELS TO NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE 10TH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DEPARTMENT

FOR

NOVEMBER 1940

I. CURRENT OPERATIONS

A. Public Contact

Visitors: Mr. J. J. ter Pelkwijk of Leiden, Holland visited with the Park Naturalist on November 1. He left the Park by the North Entrance on November 3.

Lectures: The Park Naturalist gave a special lecture during the month to the combined groups of new enrollees from CCC Camps 535 and 544. There were 135 present, and 1400 feet of movie film were shown.

B. Ranger Naturalists:

No ranger naturalists were on duty during the month. Numerous applications for ranger naturalist positions are being received.

II. PERMANENT PROJECTS

A. Administration

Park N aturalist C. Max Bauer was on duty in the Park until November 9 at which time he left to attend the Naturalist Conference at Grand Canyon National Park. Following the conference he remained on annual leave for the rest of the month.

Assistant Park Naturalist David Condon was on annual leave until November 11 at which time he returned to duty, going to the Naturalist Conference at Grand Canyon. He left Grand Canyon on the 17th and returned to Yellowstone on November 20 where he was on duty the remainder of the month.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DEPARTMENT

FOR

NOVEMBER 1950

I. [illegible]

A. Public Contact

Visitors: Mr. J. C. [illegible] of [illegible], [illegible] [illegible] with the Park Naturalist on November 2. He left the Park by the North Entrance on November 3.

Lectures: The Park Naturalist gave a [illegible] lecture during the month to the [illegible] groups of [illegible] [illegible] from [illegible] Camps [illegible] and [illegible]. There were [illegible] present, and [illegible] feet of movie film were shown.

B. Ranger Naturalists:

No ranger naturalists were on duty during the month. Numerous applications for ranger naturalist positions are being received.

II. [illegible]

A. Administration

Park Naturalist [illegible] was on duty in the Park until November [illegible] at which time he left to attend the Naturalist Conference at Grand Canyon National Park. Following the conference he remained on annual leave for the rest of the month.

Assistant Park Naturalist [illegible] was on annual leave until November [illegible] at which time he returned to duty, going to the Naturalist Conference at Grand Canyon. He left Grand Canyon on the [illegible] and returned to Yellowstone on November [illegible] where he was on duty the remainder of the month.

Assistant Park Naturalist Albert E. Long reported for duty on the morning of November 25 and has been actively engaged on duty since that date. He arrived in Yellowstone Park from Boulder Dam National Recreational Area on the evening of November 23.

Park Naturalist Bauer worked with Mr. J. E. Haynes and Superintendent Edmund B. Rogers on Place Names and prepared maps to accompany the Place Names file. He prepared plans for the work of Mr. Albert E. Long during the winter and other plans for winter work in the Naturalist Department. On November 9 he left for the Naturalist Conference and remained out of the park for the remainder of the month.

Assistant Park Naturalist Condon, after returning from the Naturalist Conference on November 20, has been active in the preparation of Nature Notes for the November-December issue, the routine work pertaining to publication sales in the Park, attending to miscellaneous correspondence, and the preparation of numerous reports. Work was also done in the preparation of a list of the proposed Naturalist Department projects which are essential to the full rounded development of such a program in Yellowstone Park. In this he was assisted considerably by Mr. Long.

Assistant Park Naturalist Albert E. Long has been actively engaged in familiarizing himself with the Naturalist facilities, program, and general set up in Yellowstone Park. He has also been very busy in the preparation of a prospectus for the new Headquarters Museum building which it is proposed be constructed at Mammoth.

B. Nature Notes:

The publication, Yellowstone Nature Notes, was assembled and sent to the mimeograph room on the 27th of the month. It is planned that this issue will be in the mails by December 2nd. Nature Notes will be mailed to a list of 586 people.

C. Library:

The library statistics are as follows:

Books in circulation.	5
Books received during November.	3
Indefinite loan of books.	3
Pamphlets received during November. . .	9
Magazines received during November. . .	20

Arrangements have been made with Mr. [illegible] Dryer and Superintendent Samuel E. Barnes of Plain Edge and Jerr[illegible] Pond camps to accompany the plain Edge film. We prepared plans for the work of Mr. Albert E. Long during the winter and other plans for moving pictures in the Barnsville Department, on Saturday P. M. in lieu of the Barnsville Conference and [illegible] carried out of the work for the remainder of the month.

Assistant Pure Sociological Service, after reporting from the Barnsville Conference on February 20, has been active in the preparation of letters based on the Barnsville-Sabetha [illegible] Conference. The activity work specialist is activating [illegible] the work, adapting to circumstances [illegible] preparation of summer schedule. They are also [illegible] preparation of a [illegible] of the Pure Sociological Department [illegible] which are scheduled in the [illegible] Department of [illegible] a program in Tullamore Park. [illegible] [illegible] [illegible] for the [illegible].

Assistant Pure Sociological Albert E. Long has been actively engaged in facilitation [illegible] with the Barnsville [illegible] [illegible] [illegible] and up to Tullamore Park. [illegible] [illegible] [illegible] in the preparation of a [illegible] for the [illegible] Department Summer Bulletin which it is proposed to [illegible] [illegible] [illegible].

8. Future Events

The publication, Tullamore Service Times, has attracted [illegible] and work in the community from on the City of the [illegible] [illegible] is planned that this issue will be in the hands by [illegible] [illegible]. Service Times will be mailed to a list of 700 people.

9. Finance

The Library expenditure was as follows:

Books in circulation.	$ [illegible]
Books rebound & [illegible]	$ [illegible]
Magazines & [illegible]	$ [illegible]
Magazine rebinding during February . .	$ [illegible]
[illegible]	$ [illegible]

[illegible] Comes to Yellowstone

Thunderer Mountain with a fresh mantle of snow

Photo by [illegible]

Ghost Tree at Norris

D. Museums

All museums in the Park were closed during the month of November, except that on occasions special visitors were admitted into the Mammoth Museum.

E. Equipment

The large 16 mm movie projector, Model 130-B, Bell and Howell was returned from the Bell and Howell factory after being reconditioned and now operates very satisfactory.

The large SVE kodaslide projector was repaired during the month and is now in good condition. A new switch for this projector was obtained from the Society for Visual Education in Chicago.

F. Photographs:

Eight rolls of film have been developed in the darkroom during the month. 140 contact prints and 10 enlargements were made. This was primarily routine photographic work, but enlargements were prepared for the Fish and Wildlife Service of Trumpeter Swan, and moose enlargements were prepared for the Branch of Research and Interpretation. 30 prints were also prepared for publicity purposes.

G. Lantern Slides and Kodaslides:

Clerk Stenographer LeRoy Van Cott worked a great deal during the month of November on the proper filing, indexing, and labelling of the fine collection of kodaslides which Yellowstone is accumulating.

During the month two rolls of K135 film were exposed and received during the month and 200 feet of 16 mm movie film was exposed.

1400 feet of movie film and 100 kodaslides were used during the month.

H. Publicity Clippings:

Eugene Cooperrider, CCC enrollee, has been working during the major part of the month of November on the sorting and filing of publicity clippings. At present there is still a great deal of work to be done on this project to bring it current.

1. Events

All measures in the Jura were closed during the month of December, mainly due to heavily snowy weather. Ski-lifts were also closed this month.

2. Equipment

The Jura is an open mountain, about 1800m. All the lifts were repaired then the rail and funicular railway after being reconditioned, all are operating very satisfactorily.

The Jura ski mechanic workshop was repaired during the month and is now in good condition. A new method for this winter has stopped the damage from the hundreds of travel tourists in Gstaad.

3. Publicity

Right after at the last free lecture in the museum during the month. 16mm sports film and 35 slide-projector were made. This was primarily during commercial and advertisements were present for the film in relation during of December 20th, and these advertisements were prepared for the Swiss of December and interpretations. The films were also prepared for publicity purposes.

4. Lectures, Films and Competitions

Every Wednesday night the club member a great lot during the month is Dropping on the power fitting, cooking and building of the film activities of Publication with Switzerland is advertisement.

During the month one public of 2000 film were arrived and received during the month and the fact of 3 or more film was arrived.

Also free of movie film and 20 lectures were [illegible] the month.

5. Publicity (Imagery)

Square Competition, CCC medals, has been worked out the major part of the month of December on the journey and films of publicity imagery. In present there is still a great deal of work to be done on this project to train it [illegible].

I. Thermal Activity:

No detailed observations have been made during the month of November on the thermal activity in the Park.

R. Research:

The Park Naturalist spent considerable time working on the Place Names of Yellowstone Park. This work was primarily in the preparation of maps to accompany the Place Names file already developed.

Assistant Park Naturalist Condon has not been in the Park enough during the month to provide him with sufficient time to carry on observations of the trumpeter swan.

J. Personnel:

Park Naturalist C. Max Bauer was on duty at Yellowstone Park until November 9 at which time he went to the Naturalist Conference at Grand Canyon, and has been out of the Park the rest of the month.

Assistant Naturalist Condon was on annual leave until November 11 at which time he attended the Naturalist Conference, returning to the Park on November 20 and remaining on duty the balance of the month.

Assistant Naturalist Long reported for duty in Yellowstone on the morning of November 25 and has been actively engaged in duty throughout the remainder of the month.

Clerk Stenographer LeRoy Van Cott was on duty the entire month.

PROPOSED OUTLINE OF WORK FOR DECEMBER

The Park Naturalist will be occupied during the month of December with routine work, correspondence, etc. and will continue to carry on some experiments on petrifaction. He will attend the Geological Society of America annual meeting at Austin, Texas, if time permits.

Nature Notes will be mailed out early in December.

7. Tennis Activity:

By Monday morning [illegible] have been [illegible] the [illegible] of Tennis in the Tennis Activity in the park.

8. Admin:

The Park Superior [illegible] the [illegible] the Park Board of Trustees Park. [illegible] [illegible] [illegible] in the preparation of [illegible] [illegible] [illegible] [illegible] [illegible].

Attached Park [illegible] [illegible] [illegible] [illegible] park [illegible] [illegible] [illegible] [illegible]

With the approach of winter our wild neighbors become more friendly

Photo by Condon

Mr. Condon and Mr. Long will check the space requirements for the proposed new museum for Mammoth and work on these plans. It is planned that these men will consult with the Park Service Administrative officers concerning this project.

Assistant Park Naturalist Condon will prepare the preliminary report on the status of the Trumpeter Swan. It is also planned that he will prepare a lengthy article for Nature Notes on the same subject.

Assistant Park Naturalist Long will work on the prospectus for the proposed Headquarters Museum and will be occupied with present exhibit changes and improvements in the Mammoth Museum.

Clerk Stenographer LeRoy Van Cott will be performing the regular stenographic duties and also continuing his work on the indexing and filing and labelling of kodaslides.

Respectfully submitted,

C. Max Bauer,
Park Naturalist.

CC: Director
Russell
Regional Director, II
Bumpus
File
Museum
DDC:LVC

Mr. Gordon and Dr. Long will check the space requirements for the proposed new museum for Everglades National Park against the plans. It is planned that there one will remain with the Park Service Administrative offices occupying this building.

Assistant Park Naturalist Cousins will prepare the preliminary report on the status of the Mangrove Trail. It is also intended that he will prepare a leaflet article for Nature Trail on this same subject.

Assistant Park Naturalist Lockwood will work on the preliminary for the proposed Headquarters Museum and will be responsible with present additions thereto and improvements in the Museum Center.

Park Ranger-Naturalist Lacey the Park will be responsible for the other museumpieces during and also assisting in the work of the Museum and Filing and Cataloging of Specimens.

Respectfully yours,

C. Ben Lacey,
Park Naturalist.

cc: Director
Director
Regional Director, II
Region
File
Chron
Ben:jrr

MONTHLY STATISTICAL REPORT OF INTERPRETATIONAL CONTACTS

YELLOWSTONE NAT'L PARK
Name of Area

Personnel Engaged in Interpretative Activities

	Naturalist	Custodian	Other
Permanent	2 (3 from Nov. 25)		
Temporary			

November
Month
1940
Year

CONDUCTED TRIPS

Type	No.	Attend.	ATTEND. TOTALS
Auto Caravans			
Hiking Trips			
*			
*			
Total		XXXXX	

*LIST OTHER TYPES AS: BOAT, HORSEBACK, ETC.

LECTURES

Type	No.	Attend.	
Campfire			
Hotel or Lodge			
Museum			
Outside of Park			
Special** CCC enrollees from both Mammoth Camps	1	135	
Total		XXXXX	135

**INCLUDES ALL OTHER TYPES AS: SPECIAL PARTIES, BEARS, ETC.

ATTENDED INTERPRETATIONAL STATIONS

Name of Station	Attend
	XXXXXX

LIST BY NAME AND TYPE AS: YAVAPAI, GLACIER POINT OVERLOOK, ETC.

UNATTENDED INTERPRETATIONAL STATIONS

Name of Station, Nature Trail, etc.	Attend.
	XXXXX

LIST BY NAME AND TYPE AS: FOSSIL FERN TRAILSIDE EXHIBIT, DANTE'S VIEW OVERLOOK, ROCK CREEK NATURE TRAIL, GAMLIN CABIN TRAILSIDE MUSEUM, ETC.

TOTAL CONTACTS 135

TOTAL VISITORS 963

BROADCASTS

Station	Subject

PARK NATURALIST C. Max Bauer

MAIL THROUGH REGULAR CHANNELS TO NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE 10TH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

museum

REPORT OF THE NATURALIST DEPARTMENT

DECEMBER, 1940

000 GENERAL

The major work at the Yellowstone Naturalist headquarters for the month has been the preparation of a prospectus for a new museum building for Mammoth and the careful justification of space requested. Public relations for the month have been practically nil and the local Naturalist staff has been active most of the month without the services of Park Naturalist C. Max Bauer and Clerk-Stenographer LeRoy Van Cott, both having been on their annual leave periods during the month.

100 ADMINISTRATION

110 Special activities, conferences

Although on his annual leave period Park Naturalist Bauer has been in attendance at the Geological Society of America meetings, held this year at the University of Texas, Austin, Texas.

No other special activities have been participated in by the Naturalist staff.

150 150 Master Plan studies, plan and project review

Much time has been devoted during the month by Assistant Park Naturalists Long and Condon to the preparation of a museum prospectus for a new headquarters museum at Mammoth. The prospectus, with all justifications for desired facilities and space requirements, was finished on the 27th and copies were submitted to the Region II and Washington Offices. This work required numerous conferences with administrative officers and much discussion before reaching its present state. It is hoped that it will reach a definite plan and construction status soon.

Work has been progressing toward the inclusion of Trailside shrines, wayside museums, and outdoor amphitheatres in future master plans for Yellowstone.

180 Personnel

Park Naturalist C. Max Bauer was on duty through the close of the 11th, when he left to go on annual leave and at the close of the month had not returned to duty.

[illegible] of the [illegible] [illegible]

[illegible], 1960

[illegible] [illegible]

The [illegible] work at the Galveston Historical Foundation [illegible] for the [illegible] have been the preparation of a nomination for a new museum [illegible] the [illegible] and the active participation of [illegible] recorded. [illegible] relations for the most part have been [illegible] and the [illegible] Historical staff has been active each of the [illegible] activities. The [illegible] of Pre-Historic [illegible] C. Bob Bauer and Charles [illegible] [illegible] Jeff, both having been on their annual [illegible] [illegible] [illegible] [illegible].

[illegible] [illegible]

1.) Special activities, [illegible]

Although no [illegible] special [illegible] Historical [illegible] has been [illegible] [illegible] [illegible]

Assistant Park Naturalists Long and Condon have been on duty throughout the month.

Clerk-Stenographer Van Cott worked through the 7th and since that date has been on annual leave and has not reported back for duty at the close of the month.

To date about 50 per cent of our last years ranger-naturalists have submitted applications for employment during the coming season and we expect the majority of these men to return to active duty this summer. Many applications for naturalist positions are being received.

No ranger-naturalists were on duty during the month.

400 INTERPRETATION

420 Museum activities and exhibits

All museums in the park were closed during December.

421 Progress of exhibit plans and projects

Assistant Park Naturalist Long is going ahead with plans for the renovation and revision of case exhibits in the Mammoth Museum. He is giving special attention to the Fungi Case in the Biology Room and the Early History Cases in the History and Ethnology Room at present.

Inspections of exhibits at Norris Museum and Fishing Bridge Museum were made by Assistant Park Naturalists Long and Condon during the month.

The preparation of a prospectus on the proposed new headquarters museum was completed during the month and was submitted on December 27th for review and discussion to the Region II and Washington Offices. This project occupied a large part of Assistant Park Naturalists Long and Condon's time for the month.

430 Research and observation

Assistant Park Naturalist Condon has made some progress on a report on the status of the Trumpeter Swan in Yellowstone and had the opportunity to observe these birds at the Lake outlet on December 23rd and at that time counted only 38 birds.

An observation of unusual character was made on December 5th when Assistant Park Naturalists Condon and Long watched and chased a coyote that was intent upon eating another coyote

Assistant Park Naturalists Long and Condon have been on duty throughout the month.

Clerk-Stenographer Van Loty worked through the 7th and since that date has been on annual leave and has not reported back for duty at the close of the month.

On date about 90 per cent of our last years temper-naturalists have submitted applications for employment during the coming season and to assure the majority of these had to return to action duty this Sunday. Many applications for naturalist positions are being received.

No temper-naturalists were on duty during the month.

[illegible]

[illegible] Human activities and exhibits

All museums in the park were closed during December.

[illegible] Progress of exhibit plans and projects

Assistant Park Naturalist Long is going ahead with plans for the preparation and revision of more exhibits in the Mammoth Museum. He is giving special attention to the Fungi Case in the Biology Room and the Early History Dance in the History and Chronology Room at present.

Inspections of exhibits at Morris Museum and Visitors Bridge Museum were made by Assistant Park Naturalists Long and Condon during the month.

The preparation of a prospectus on the proposed new Headquarters museum was completed during the month and was submitted on December 17th for review and discussion at the Region II and Washington Offices. This project occupied a large part of Assistant Park Naturalists Long and Condon's time for the month.

[illegible] Research and observation

Assistant Park Naturalist Condon has made some progress on a report on the status of the Trumpeter Swan in Yellowstone and had the opportunity to observe these birds at the late nesting in December 12th and at that time counted only 20 birds.

An observation of natural character was made on December 9th when Assistant Park Naturalists Condon and Long between and showed a report that the Grand Swan valley number [illegible]

Sunrise on [illegible] Terraces – [illegible] National [illegible]

that had been mortally wounded by a buck deer. The feast was about to commence when Condon and Long approached, the coyote picked up his dead buddy and carried him on a high run up a steep slope for a distance of 30 yards where he was forced to drop his load because of the hot pursuit by the men and the fact that a large windfall tree obstructed his passage. The dead coyote was recovered and brought to Mammoth. It weighed 17 3/4 pounds on the scales at the Storehouse. Such a load, it seems, would be too much for a coyote to carry through the deep snow but not so in this case.

Of pronounced interest is the fact that since December 24 the hot spring activity in the Blue Spring area on the Mammoth Terraces has shifted toward the front of these terraces and at present there is a large volume of water flowing down over the front of the Jupiter Terrace. This is the first time water has flooded this area for several years.

450 Library activities

The library statistics are as follows:

Books in circulation	11
Books received during the month.	1
Indefinite loan of books	3
Pamphlets received in December	7
Magazines received in December	20

470 Photography

Illustrative prints for the two-fold information booklet for the Bighole Battlefield National Monument have been made, pictures for the monthly reports, and also prints prepared and released for publicity purposes.

Twelve duplicate Kodaslides were sent to the United States Travel Bureau for their use. Only one hundred feet of 16mm Kodachrome movies were exposed during the month.

PROPOSED OUTLINE OF WORK FOR JANUARY

The Park Naturalist will be occupied during the month of January with routine work, correspondence, etc., and will continue to carry on some experiments in petrification. He will continue work on the place names for Yellowstone and assist and advise Assistant Park Naturalists Condon and Long in their work. He will also edit the January-February issue of Nature Notes.

The January-February issue of Nature Notes will be completed by

Snow-shoeing in shee[illegible] - [illegible]

the close of the month and will be in the mail by the first of February.

Assistant Park Naturalist Condon will attend the Montana State Wildlife Federation Conference at Helena on the 12th, 13th, and 14th of January, in company with Assistant Chief Ranger Barrows, at the request of Yellowstone administrative officers. He will prepare a preliminary report on the Trumpeter Swan and will continue the detailed work of bringing all negative and print files up to date. He will contribute largely to the coming issue of Nature Notes and in turn perform all other routine duties.

Assistant Park Naturalist Long will be occupied with the present exhibit changes and improvements in the Mammoth Museum and will perform other routine duties as occasion demands.

Clerk-Stenographer Van Cott will perform his regular stenographic duties and will also be occupied with some library work and will continue the project of filing and indexing the Kodaslide library.

Respectfully submitted,

C. Max Bauer

C. Max Bauer
Park Naturalist

CC - Director
- Region II
- Bumpus

MONTHLY STATISTICAL REPORT OF INTERPRETATIONAL CONTACTS

Yellowstone National Park
Name of Area

Personnel Engaged in Interpretative Activities

	Naturalist	Custodian	Other
Permanent	3		
Temporary			

December
Month

1940
Year

CONDUCTED TRIPS

Type	No.	Attend.
Auto Caravans		
Hiking Trips		
*		
*		
Total		XXXXX

ATTEND. TOTALS

*LIST OTHER TYPES AS: BOAT, HORSEBACK, ETC.

LECTURES

Type	No.	Attend.
Campfire		
Hotel or Lodge		
Museum		
Outside of Park		
Special**		
Total		XXXXX

**INCLUDES ALL OTHER TYPES AS: SPECIAL PARTIES, BEARS, ETC.

ATTENDED INTERPRETATIONAL STATIONS

Name of Station	Attend
	XXXXXX

LIST BY NAME AND TYPE AS: YAVAPAI, GLACIER POINT OVERLOOK, ETC.

UNATTENDED INTERPRETATIONAL STATIONS

Name of Station, Nature Trail, etc.	Attend.
	XXXXX

LIST BY NAME AND TYPE AS: FOSSIL FERN TRAILSIDE EXHIBIT, DANTE'S VIEW OVERLOOK, ROCK CREEK NATURE TRAIL, GAMLIN CABIN TRAILSIDE MUSEUM, ETC.

TOTAL CONTACTS _____

BROADCASTS

Station	Subject

TOTAL VISITORS 1079

C. Max Bauer
PARK NATURALIST C. Max Bauer

MAIL THROUGH REGULAR CHANNELS TO NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE 10TH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

museum
2

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DEPARTMENT

FOR

JANUARY 1941

000 General

The Naturalist Department was occupied throughout the month of January with a large number of projects. The Master Plan for Yellowstone Park occupied several days of study and conferences. Planning for museums at Canyon and Tower Junction and for further field exhibits at focal points has been carried one step further and it is hoped that these plans will be sufficiently mature to include in the Master Plan by spring.

Some cases are being remodeled in the Mammoth Museum at the present time. The Park Naturalist assisted in the preparation and editing of a two-fold leaflet for the Custer Battlefield National Cemetery, prepared an article for the Annual Edition of the Casper Tribune and edited the travel magazine of the Wyoming Chamber of Commerce. A large amount of correspondence was also handled during the month.

100 Administration

110 Special Activities, conferences

The usual monthly conference of Department Heads was held on January 27 at which time Master Plans, Safety Methods, and the annual budget were discussed.

At the request of Acting Superintendent Emmert a program of nature study was begun for the school children of the 7th and 8th grades. It is planned that one topic will be taken up each week during a two-hour period for 16 weeks so that the local school children will become familiar with the nature lore of the area and with Yellowstone National Park.

150 Master plan studies, plan and project review

Following receipt of a memorandum from the Director prepared by Mr. Ned J. Burns on the Headquarters Museum plans, we

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DEPARTMENT

FOR

JANUARY 1940

000 General

The Naturalist Department was occupied throughout the month of January with a large number of projects. The Master Plan for Yellowstone Park occupied several days of study and conferences. Planning for seasons at Canyon and Power Lookout and for further field exhibits at local points has been carried one step further and it is hoped that these plans will be sufficiently mature to include in the Master Plan by spring.

Some essays are being remodeled in the Research Museum at the present time. The Park Naturalist assisted in the preparation and editing of a two-fold leaflet for the Master Lattice Field National Cemetery, prepared an article for the Annual Edition of the Paper Tribune and edited the Grevel Magazine of the Wyoming Chamber of Commerce. A large amount of correspondence was also handled during the month.

100 Administration

110 Special activities, conferences

The annual monthly conference of Department Heads was held on January 27 at which time Master Plans, Safety Methods, and the annual budget were discussed.

At the request of Acting Superintendent Smart A program of nature study was begun for the school children of the 7th and 8th grades. It is planned that one topic will be taken up each week during a two-hour period for 10 weeks so that the local school children will become familiar with the nature lore of the area and with Yellowstone National Park.

190 Master plan studies, plan and project review

Following receipt of a memorandum from the Director prepared by Mr. Ned J. Burns on the Headquarters Museum plans, we

have made some revisions which will make it possible to save considerable space in this building in accordance with his suggestions.

We have made some suggested changes of the preliminary plan for the Canyon museum and are at the present time also planning a roadside exhibit for the Buffalo Ranch. Work is also progressing on other museum and trailside exhibits.

180 Personnel, labor

The personnel of the Department is functioning in a very fine manner. Not only have each one of the men been extremely busy during the month but they have succeeded in accomplishing a great deal of work.

Park Naturalist C. Max Bauer was in charge of the Naturalist Department throughout the month except 2-1/2 days of annual leave from January 2 through January 4.

Assistant Park Naturalist David De Lancey Condon was on duty all month.

Assistant Park Naturalist Albert E. Long was on duty all month except 1/2 day annual leave on January 18 and 1 day of sick leave on January 15.

Clerk Stenographer LeRoy Van Cott was on duty all month except 1/2 day sick leave on January 16 and 1/2 day sick leave on January 27.

CCC enrollee Eugene Cooperrider is assisting in pasting clippings in the scrap books and has been on duty about half of the month due to quarantine in the CCC Camp.

200 Maintenance, New Construction and Improvements

A letter received by the Director from Mr. Forbes of the Kansas City Museum advocates the installation of an exhibit or interpretive story of the work of Dr. William T. Hornaday. Other suggestions received during the month for a field exhibit at the Buffalo Ranch to tell the story of "Save the Buffalo from Extinction" indicates that we may be able to combine this exhibit with a memorial to Dr. Hornaday. Further study will be given this proposition this coming month.

have made some revisions which will make it possible to give considerable space in some building in accordance with our suggestions.

We have made some suggested changes of the preliminary plan for [illegible] Bergen Museum and are in the present time also planning a [illegible] exhibit for the Portals Bench. Work is also progressing on other museum and [illegible] exhibits.

[illegible] Personnel, Inter

The personnel of the Department is functioning in a very fine manner. Not only have each one of the [illegible] been [illegible] they during the month but they have succeeded in accomplishing a great deal of work.

[illegible] Naturalist [illegible] was in charge of the [illegible] Department [illegible] the month except [illegible] days of [illegible] from January 1 through January [illegible].

Assistant Park Naturalist [illegible] was on duty all month.

Assistant Park Naturalist [illegible] was on duty all month except [illegible] day annual leave on January [illegible] and [illegible] day of sick leave on January [illegible].

[illegible] Stenographer [illegible] was on duty all month except [illegible] day sick leave on January [illegible] and [illegible] day sick leave on January [illegible].

[illegible] Engine Supervisor is assisting in parties [illegible] in the [illegible] and has been on duty about [illegible] of the month due to operations in the [illegible] camp.

[illegible] Maintenance, New Construction and Improvements

A letter received by the Director from Mr. [illegible] of the Kansas City Museum advocates the installation of an exhibit on interpretive story of the work of Dr. William S. [illegible]. Other suggestions received during the month for a field exhibit at the [illegible] Bench to tell the story of "Have the Buffalo Gone Exploration" indicates that we may be able to combine this exhibit with a memorial to Dr. [illegible]. Further study will be given this proposition this coming month.

400 Interpretation

410 Lectures, Guide Service, and Interpretive Contacts

No lectures, guide service, or interpretive contacts were made during the month of January except the development of a nature study program for the 7th and 8th grades in the school here at headquarters. Two class periods have been held during the month.

411 Statistical Report

The statistical report is attached.

413 Lectures outside of the park, or other extension service

The Emergency Conservation Committee of the National Audubon Society has made arrangements with one of our ranger naturalists, Mr. George Marler, to carry on a series of lectures in the Snake River Valley of Idaho on Trumpeter Swan. We recommended Mr. Marler to the Committee and he was given the work provided he would cooperate with the Yellowstone Park staff. Mr. Marler is using about 2400 feet of 16 mm kodachrome movie film and 20 kodaslides in his lectures. He expects to be busy for the next three months on this program of education in connection with preservation and conservation of the Trumpeter Swan.

420 Museum Activities and Exhibits

All museums in the park were closed during January

421 Progress of exhibit plans and projects

Following suggested plans by Assistant Naturalist Long we are raising some of the cases in the Mammoth Museum and furring up some of the wall cases so that the exhibits will be more professional in appearance. Mr. Long is also carrying on the actual revision of these cases.

430 Research and Observation: Staff projects

Assistant Park Naturalist Condon prepared a paper on the history and present status of the Trumpeter Swan which is published in Nature Notes this month.

400 Interpretation

410 Lectures, Public Service, and Interpretive Programs

In lectures, public services, or interpretive programs were made during the month of January, except the development of a nature study program for the TVA and the grades in the school lack of backgrounds. The above periods have been used during the month.

411 Institutional Report

The statistical report is attached.

412 Lectures outside of the park, or other community service

The Superintendent delivered lectures at the Tennessee Academy Dedication Ceremony, the Knoxville Junior Chamber of Commerce, the Knoxville Kiwanis Club, Knoxville, Tennessee, the Knoxville Rotary Club, Knoxville, Tennessee

[illegible] at
[illegible] time of [illegible]
[illegible] operations
January 11, [illegible]

[illegible]

430 Research and Observation: Staff projects (continued)

From suggestions received at the Naturalist Conference the Naturalist Department has set up informational card files on plants, geysers and hot springs, rocks, and Indian artifacts. For several years the ranger department has had a card fild on birds and animals and closer cooperation in the building up of this informational file is advocated. We have had informational card files in the past and they will be incorporated into the new file. However, there has been periods in which nothing has been added to these files and since the system was rather hit or miss we now have a system that we think will be much more efficient.

Thermal

450 Library Activities

The library statistics are as follows:

Books in circulation	6
Books received during the month.	10
Indefinite loan of books	3
Pamphlets received in January.	5
Magazines received in January.	17

460 Natural History Association Activities

The Yellowstone Library and Museum Association has completed arrangements for purchasing another auditorium model movie projector. This projector was secured from the eastate of Senator A. L. Rule of Mason City, Iowa at a very reasonable price.

The Association has recieved several application for the Fellowship in History but no candidate has been selected to date.

The Association has also insured the books which it has in the sales publication stock room and the books which it owns in the library.

470 Photographic and other visual aids

We have had no outside assistance on darkroom developing or printing, although we have had many requests for pictures. Both Mr. Condon and Mr. Long have worked several days each in the darkroom to get out emergency materials for publicity and reports.

120 Library Activities

The library activities are as follows:

Books in circulation 1
Books reserved during the month 12
Individuals lent at books 1
Magazines received in January. 1
Magazines received in February. 17

121 Natural History association activities

The Tallahassee Library and Nature Association has requirements for graduate master participants social science pr-
jects. This problem was assigned from the records of Dona-
h. In this of Dona City, that is a map reservation point.

The association has received several applications for the
Fellowship in library but its activities had been delayed by
Jobs.

The association has also formed the book which is the
in the state participation about some not the Dona which it
was in the library.

122 Photographic and other visual aids

In case had of objects displayed in Jackson Langdale
or problem, although we have had many requests for pictures.
Book Dr. Jordan and Dr. Lamb have helped formed Dr. Wood
in the Jackson is not not measurement materials for publicity
and reports.

470 Photographic and other visual aids (continued)

100 feet of kodachrome movie film were exposed during the month of thermal activity and game.

800 feet of kodachrome 16 mm movie film was sent to the Eastman Kodak Company for duplication. This was paid for by the Yellowstone Library and Museum Association.

32 kodaslides were sent to Washington for duplication.

400 feet of kodachrome movies and 20 kodaslides were loaned to Sequoia National Park.

2400 feet of kodachrome movies and 20 kodaslides were loaned to George Marler in connection withhis lecture work on the Trumpeter Swan.

5 rolls of film were developed in the dark room and 90 enlargements were made for monthly reports and publicity by Assistant Naturalists Condon and Long.

500 Use of Park Facilities

520 Important or influential visitors

The Regional Wildlife Technician Daniel B. Beard and Ranger Suter from Wind Cave came in the Park about January 17 in connection with the buffalo slaughter. They left about January 30.

600 Protection

630 Wildlife management

Several trips were made to the Buffalo Ranch by the Park Naturalist and Assistant Park Naturalist Condon to consult with rangers and others working on the reduction of buffalo and to learn about the diseases to which they susceptible.

PROPOSED OUTLINE OF WORK FOR FEBRUARY

One of the first jobs in February will be the selection of Ranger Naturalists for the coming season.

Several days of work on Place Names was done in January and in February it is hoped to complete a list of new names with proper information regarding location, etc. for the United States Board on Geographic Names.

(2) Photographic and other visual aids (continued)

300 feet of Kodachrome movie film were exposed during the month of normal activity and game.

800 feet of Kodachrome 16 mm movie film was sent to Eastman Kodak Company for duplication. This was paid for by the Fallowfield Library and Museum Association.

22 exhibitions were sent to Toronto for duplication.

1800 feet of Kodachrome movies and 20 exhibitions were loaned to Toronto Natural Area.

8100 feet of Kodachrome movies and 20 exhibitions were loaned to George Harley in association with Wildlife Lectures made on the Trapline Tour.

3 rolls of film were developed in the dark room and 20 enlargements were made for monthly reports and publicity to Ladybird Naturalists Guild and Club.

3(d) Use of Park Facilities

(1) Important or informal visitors

The National Wildlife Federation Daniel E. Harris and Diane Fuller from Ann Arbor came to the Park about January 12 in association with the Wildlife Lectures. They left about January 20.

3(e) Problems

(1) Wildlife management

Several trips were made to the Fairfield Swamp by the Park Naturalist and Assistant Park Naturalist Gordon to monitor with respect and report monthly on the behaviour of beavers and to learn about the diseases to which they succumbed.

FUTURE DETAILS OF WORK FOR NEXT REPORT

One of the first jobs in January will be the education of Junior Naturalists for the weekly lectures.

Several days of work on Trina Dawes was done in January and in February it is hoped to complete a list of our rocks with proper information regarding location, who, for the United Nations and on Temperate Zones.

Further work on the Master Plan for the Park will be carried on and it is hoped that sometime will be found for men in the Department to get out in the field for observation and photography.

SUPPLEMENTAL

400 Interpretation

415 Nature Notes

Nature Notes were edited and mailed out on January 30 to a total of 600 persons. The subject for this issue was the History of the Trumpeter Swan. There was also an abstract of an address given by Dr. Carl P. Russell, "Essentially American."

430 Research and Observation: unusual and significant observations - Thermal Activity

One change in the Mammoth Hot Springs which is particularly important is the fact that Blue Spring is now putting out a lot of water which flows over toward the southeast and covers a part of the front of the southern end of Jupiter Terrace.

Respectfully submitted,

C. Max Bauer,
Park Naturalist.

Director
Russell
Regional Director, II
Bumpus
File
Museum
CMB:LVC

Further work on the Master Plan for the Park will be carried on and it is hoped that sanction will be found for men in the Department to get out in the field for observation and photography.

RECOMMENDATIONS

100 Interpretation

115 Nature Notes

Nature Notes were edited and mailed out on January 15 to a total of 600 persons. The subject for this issue was the History of the Trumpeter Swan. There was also an abstract of an address given by Mr. Neil F. Russell, "Essentially American."

130 Research and Observation, Personal and Significant Observations - Thermal Activity

One change in the Thermal Set Springs which is particularly important is the fact that Blue Spring is now putting out a lot of water which flows over toward the southwest and serves a part of the Grant on the northern end of Jupiter Terrace.

Respectfully submitted,

[illegible]
L. Van Dusen,
Park Naturalist.

Director
Russell
Regional Director, 11
Dungan
File
Bureau
GND:LVD

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS

Yellowstone National Park
Name of Area

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	2	1	
Temporary			

January
Month
1941
Year

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
Auto Caravans				
Hiking Trips				
Ruins				
*				
*List other types Total			XXXX	
LECTURES				
Campfire				
Hotel or Lodge				
Museum				
Outside of Park				
Special**				
**Includes all other types Total			XXXX	
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station				
List by name and type			XXXX	
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
List by name and type			XXXX	

BROADCASTS

Station	Subject

Total Contacts
Total V.P.H. —
Total Visitors 1169

Name [signature]
Title **Park Naturalist**

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

* AVERAGE DURATION OF ACTIVITY.

** THIS COLUMN REPRESENTS VISITOR PARTICIPATION HOURS. THE FIGURE IS OBTAINED BY MULTIPLYING THE VISITOR ATTENDANCE BY THE AVERAGE DURATION OF THE CONTACT; I.E., THE AVERAGE TIME DEVOTED TO THE TRIP, LECTURE, MUSEUM VISIT, OR USE OF INTERPRETIVE STATIONS.

museum
file

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DEPARTMENT

FOR

FEBRUARY 1941

000 General

Considerable attention was given by the Naturalist Department to the study of the Master Plans and a large amount of correspondence was carried on during the month because of the selection of ranger naturalists and taking care of some of the work from the general office.

The weather in the Park was mild and less than a normal amount of snow fell, but due to the fact that a large amount of office work had to be done only a few trips were made into the field.

100 Administration

110 Special activities, conferences

During the month four conferences of Department Heads were held as follows: February, 3, 10, 20, and 24. These were held at the request of Acting Superintendent Emmert to study the Master Plans so that further work can be carried along this line.

150 Master plan studies, plan and project review

The Master Plans were studied further in conference by the Park Naturalist with Assistant Park Naturalists Condon and Long and some progress was made on outlining the areas which need immediate attention from the standpoint of the development of museums and field exhibits.

Study was also given to the land use feature in Yellowstone Park.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DEPARTMENT

FOR

[illegible]

000 General

Considerable attention was given by the Naturalist department to the study of the Easter Plant and a large amount of correspondence was carried on during the month because of the selection of ranger naturalists and taking care of some of the work from the general office.

The weather in the park was only and less than a normal amount of snow fall, but due to the fact that a large amount of office work had to be done only a few trips were made into the field.

100 Administration

110 Special activities, conferences

During the month four conferences of Department Heads were held as follows: February, 3, 12, 20, and 24. These were held at the request of acting Superintendent Lemert to study the Master Plant so that further work can be carried along this line.

130 Master plan studies, plan and project review

The Master Plant were studied further in conference by the Park Naturalist with assistant Park Naturalists Dodson and Lund and some progress was made on utilizing the areas which need immediate attention from the standpoint of the development of museum and field exhibits.

Study was also given to the land use feature in Yellowstone Park.

180 Personnel, labor

Park Naturalist C. Max Bauer was in charge of the Naturalist Department throughout the month.

Assistant Park Naturalist David Condon was on duty all month.

Assistant Park Naturalist Albert E. Long was on duty all month.

Clerk Stenographer LeRoy Van Cott was on duty all month except 1/2 day of annual leave on February 8.

CCC enrollee Eugene Cooperrider worked about one week in February and then transferred to another camp.

On February 24 CCC enrollee Melvin Avery came to work at the museum. On February 25 CCC enrollee Earnest Ruggerio began work.

400 Interpretation

410 Lectures, Guide Service, and Interpretive Contacts

A lecture was given and movies were shown by Assistant Park Naturalist Condon to 50 members of the Federal Employees Union on February 3. On February 16 he showed movies and talked to 160 666 boys of camps 535 and 544.

The junior nature work with the school children was carried on for 12 students of the 7th and 8th grades on each Wednesday afternoon during the month.

On February 16 the Park held an open house known as Montana Day. On this day over 2300 people visited the north side of the Park, most of them going as far as the northeast entrance to see game and enjoy skiing. In order that buffalo and elk could be seen in the Lamar Valley and especially that they could be described to the visitors and questions answered we placed two telescopes on a low mound near the buffalo ranch and on this day Assistant Park Naturalist Long contacted 680 people. Many of them asked questions and short talks were given explaining the distribution of the buffalo and the elk at this time of year. The average length of contact was about three minutes per person.

120 Personnel, Salary

Park Naturalist C. Max Bauer was in charge of the Naturalist Department throughout the month.

Assistant Park Naturalist David Condon was on duty all month.

Assistant Park Naturalist Albert A. Langley was on duty all month.

Clerk Stenographer Leland [illegible] was on duty all month except 1/2 day of annual leave on February 6.

CCC enrollee Norman Fredrickson worked [illegible] in February and then transferred to another camp.

On February 21, CCC enrollee [illegible] began work in the museum. On February 26 CCC enrollee Norman Fredrickson began work.

400 Interpretation

410 Lectures, Guide Services, and Interpretative Contacts

A lecture was given and movies were shown by Assistant Park Naturalist Condon to 50 members of the Federal Employees Union on February 5. On February 25 he showed movies and talked to 106 4th grade students [illegible] and 5th.

The junior nature work with the school children was carried on for 12 students of the 7th and 8th grades on each Wednesday afternoon during the month.

On February 12 the Park held an open house known as Buffalo Day. On this day over 2500 people visited the north side of the Park, most of them going as far as the northeast entrance to see game and enjoy skiing. In order that buffalo and elk could be seen in the Lamar Valley and especially that they could be described to the visitors and questions answered as planned was [illegible] on a [illegible] near the buffalo ranch [illegible]. Assistant Park Naturalist Lang contacted 600 people. Many of them asked questions and short talks were given explaining the distribution of the buffalo and the elk at this time of year. The average length of contact was about three minutes per person.

Guests utilizing telescopes provided for game observation at the Buffalo Bunch in the Lamar Valley of Yellowstone National Park on Montana Day. Assistant Park Naturalist Albert E. Long in attendance.

Photo by unknown - 2/16/41

411 Statistical report

The statistical report is attached.

413 Lectures outside of the park, or other extension service.

Although Mr. George Marler who is a ranger naturalist in Yellowstone Park during the summer is lecturing in Idaho on the Trumpeter Swan he is under the auspices of the Emergency Conservation Committee of the National Audubon Society. Since he is using some government film and equipment we will report the total amount of contacts made at the end of his lecture tour which will probably be the end of March.

415 Nature Notes

Nature Notes for January-February were published the first part of February and mailed out during the first week in February.

Preparation of the next issue for this year has been started and the editorial work is practically complete so that the March-April number will be in the mail sometime in March.

416 Ranger Naturalists

Selection of ranger naturalists for this coming season was made and since only two new men were needed the papers for 20 ranger naturalists who have worked here in previous seasons and two new men were sent in requesting their appointments from the Washington Office.

420 Museum Activities and Exhibits

All museums in the Park were closed during February. The Mammoth Museum was open one evening and 18 CCC enrollees came in to see the exhibits.

421 Progress of exhibit plans and projects

The renovation of the Mammoth Museum room so that the Bighorn Sheep and Mule Deer and other mounts appear more professional is being carried on by Assistant Park Naturalist Albert E. Long. Other work on some of the other cases has already been done and some work will also be done in March in revising the exhibits and the fungi case and National Park Service History case in Yellowstone.

~~421~~

422 Loans, gifts, and accessions of exhibits, study material, or equipment, and the disposition thereof.

16 requests for specimens were filled and shipped out on February 10. These specimens went to museums, universities, and colleges and a few of the collections to smaller schools and will become part of their permanent collection.

430 Research and Observation: Staff projects

The Park Naturalist carried on research in geographic names particularly in the geyser basins where it seems advisable to divide these basins into groups of springs so as to more thoroughly analyze these areas and thereby promote the study of Place Names in the geyser basins.

430 Research and Observations: Unusual and significant observations - Thermal Activity.

No special observations were made in any of the thermal areas during the month and no reports of any unusual activity were received.

440 Research and Observation: Cooperative projects

Under the cooperative arrangement with the Geological Survey, Dr. Charles B. Read is preparing a paper on the fossil flora of the Yellowstone Park breccias. He is also doing some work on the petrifaction of wood and it is planned that Park Naturalist Bauer and Dr. Read will write a paper on this subject.

450 Library Activities

The library statistics are as follows:

Books in circulation	8
Books received during the month.	3
Indefinite loan of books	0
Pamphlets received in February	11
Magazines received in February	21

[illegible]

(2) Image, film, and recording equipment visibility. Study material, or equipment, and the discussion thereof.

It requires the equipment more fitted into subject or activity. Their functions and is related, [illegible] activities and - for at the relationship to [illegible] activity and will further part of their [illegible] material.

(3) Transfer and Conversion: Trail [illegible]

The [illegible] material required as a [illegible] some [illegible] in the [illegible] [illegible] [illegible]

Rocky Mountain Bighorn Sheep on the winter range of Yellowstone National Park

Photo by Long 2/14/41

460 Natural History Association activities

The Yellowstone Library and Museum Association committee on the Fellowship has selected a Fellow in History for this year - 1941. The successful candidate is Sydney R. Barsky of the University of Wyoming at Laramie. The subject chosen for investigation is the "Aboriginal Use of Yellowstone Park Lands." The stipend is $250.00. This is the first Fellowship granted by the Association and if it proves successful the policy will be carried on year after year probably with a larger stipend set aside for this use.

470 Photographic and other visual aids

Both Mr. Long and Mr. Condon worked several days each in the darkroom during the month. Other time was also devoted to the preparation of negatives for filing.

50 lantern slides were used by the Park Naturalist in talking to the junior nature school group.

200 feet of kodachrome film were exposed during the month.

3200 feet of kodachrome movies were used during the month at lectures.

60 kodaslides were used during the month.

Film packs developed	2
Roll films developed	6
Contact prints made	327
Enlargements made	36

480 Reports and memoranda

Short memoranda were prepared for the use of the local officials.

500 Use of Park Facilities

520 Important or influential visitors

On Montana Day a number of people visited the Park among them Mr. Flaherty and wife and friends, Commander of the American Legion for the State of Montana. Also Judge George Y. Patton and wife of Bozeman.

100 Natural History Association activities

The Yellowstone Library and Museum Association Committee on the Fellowship has selected a Fellow in History for this year - 1961. The successful candidate is Sydney E. [illegible] of the University of Wyoming at Laramie. The subject chosen for investigation is the "Aboriginal Use of Yellowstone Park Lands." The stipend is [illegible]. This is the first fellowship granted by the Association and if it proves successful the fellowship will be carried on year after year probably with a larger stipend set aside for this use.

670 Photographic and other visual aids

Both Mr. Lang and [illegible] in the darkroom during the month. [illegible] the organization of negatives for filing.

72 lantern slides [illegible] in the junior naturalist group.

200 feet of Yellowstone film [illegible]

2200 feet of Yellowstone [illegible] of lectures.

60 [illegible] were used during the month.

Film packs developed [illegible]
Roll films developed [illegible]
Contact prints made [illegible]
Enlargements made [illegible]

680 Reports and documents

[illegible] were prepared [illegible]

700 Use of park facilities

710 Reception of influential visitors

On [illegible] a number of people visited the park among them Dr. [illegible] and wife and friends, [illegible] of the American Legion for the State of [illegible]. Also Judge [illegible] and wife of Cheyenne.

600 Protection

630 Wildlife Management

A number of short conferences were held by the Naturalists and Rangers on Wildlife Management.

PROPOSED OUTLINE OF WORK FOR MARCH

The completion of the grouping of the geysers and hot springs in the different basins to promote the study of Place Names will be carried on during March and also a list of about 240 names and 15 corrections will be turned into the Director for submission to the United States Board on Geographic Names.

The work of the Master Plan will be carried forward in March and it is hoped that a report of the interpretational activities which can be inserted into the Master Plan will be completed before the end of the month.

A report being prepared by the Ranger Department on the duties of the various departments and men in Yellowstone National Park is in preparation. The Naturalist Department is preparing a statement on the functions of the Naturalist Department in Yellowstone Park breaking down the various headings so that this report will be in considerable detail. It is probable that a copy of this complete report will be submitted to Washington, but in case it is not the Naturalist Department will submit a statement of its activities to the Branch of Research and Interpretation.

SUPPLEMENTAL

400 Interpretation

451 News Clippings

The news clippings were filed in scrap books during the month and brought up to date.

Respectfully submitted,

C. Max Bauer

C. Max Bauer,
Park Naturalist.

Director
Russell
Regional Director, II
Bumpus
File
Museum
CMB:LVC

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS

Yellowstone National Park

Name of Area

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	2	1	
Temporary			

February

Month

1941

Year

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
Auto Caravans				
Hiking Trips				
Ruins				
*				
*List other types Total			XXXX	
LECTURES				
Campfire				
Hotel or Lodge				
Museum				
~~Outside of Park~~ CCC boys Cos. 535 & 544	1	160	1 hour	160
Special** Federal Employees Union Members	1	50	1 hour	50
**Includes all other types Total	2	210	XXXX	210
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station				
Buffalo Ranch (Montana Day)		680	3" each	34
List by name and type		680	XXXX	34
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
List by name and type			XXXX	

BROADCASTS

Station	Subject

Total Contacts 890
Total V.P.H. 214
Total Visitors 4708

Name C. Max Bauer
Title Park Naturalist C. Max Bauer

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

* AVERAGE DURATION OF ACTIVITY.

** THIS COLUMN REPRESENTS VISITOR PARTICIPATION HOURS. THE FIGURE IS OBTAINED BY MULTIPLYING THE VISITOR ATTENDANCE BY THE AVERAGE DURATION OF THE CONTACT; I.E., THE AVERAGE TIME DEVOTED TO THE TRIP, LECTURE, MUSEUM VISIT, OR USE OF INTERPRETIVE STATIONS.

128897

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DEPARTMENT

FOR

MARCH 1941

000 General

During March the continuation of work on the Master Plan was carried out.

A new proposed definition for a Sacred Area was prepared by the Park Naturalist. It was felt that a more satisfactory definition was needed, not only to give a better understanding fundamental to Master Planning, but in order to eliminate and eradicate certain structures and developments which have crept in in the past. A clear understanding of the importance and significance of a Sacred Area in a Park as large as Yellowstone National Park is fundamental to the Master Plan.

Other work consisted of planning for the coming season and improving facilities so as to be able to handle the work more efficiently.

100 Administration

110 Special activities, conferences

During the month staff meetings were held of Department Heads on March 3, March 11, March 17, March 24, and March 31. Particular emphasis was placed on the work of the various Departments dealing with the Master Plan.

A special meeting was also held on March 13 for the purpose of explaining in-Service training for mechanics, rangers, CCC personnel under the direction and leadership of Mr. Kenck of Missoula.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DEPARTMENT

FOR

MARCH 1941

000 General

During March the continuation of work on the Master Plan was carried out.

A new proposed definition for a Nearest Area was prepared by the Park Naturalist. It was felt that a more satisfactory definition was needed, not only to give a better understanding fundamental to Master Planning, but in order to eliminate and eradicate certain structures and developments which have crept in in the past. A clear understanding of the importance and significance of a Sacred Area in a Park as large as Yellowstone National Park is fundamental to the Master Plan.

Other work consisted of planning for the senior season and improving facilities so as to be able to handle the work more efficiently.

100 Administration

110 Special activities, conferences

During the month staff meetings were held of Department Heads on March 5, March 11, March 17, March 24, and March 31. Particular emphasis was placed on the work of the various Departments dealing with the Master Plan.

A special meeting was also held on March 15 for the purpose of explaining Inadvertise training for mechanics, rangers, CCC personnel under the direction and leadership of Mr. Kamb of Missoula.

150 Master plan studies, plan and project review.

As already noted, the Master Plans took first place in the work of the month and all of the Naturalist staff were engaged in making plans of one sort or another dealing with entrance gate exhibits, a Canyon Museum, enlargement of facilities for the Museum and Administration Unit at Old Faithful, and other items such as the possible combination of Headquarters Museum and Administration building at Mammoth.

In line with the Master Planning, the Ranger Department has undertaken an analyses of the functions of the various departments in Yellowstone National Park. Assistant Park Naturalist David Condon prepared a statement of the functions, responsibilities, and work of the Naturalist Department in Yellowstone Park which has been submitted in the form of a memorandum to the Superintendent with a copy to the Branch of Research and Interpretation.

180 Personnel, labor

Park Naturalist C. Max Bauer was in charge of the Naturalist Department through the month of March.

Assistant Park Naturalist David Condon was on duty all month with the exception of one-half day of annual leave taken on the 15th.

Assistant Park Naturalist Albert E. Long was on duty all month with the exception of one day of annual leave taken on March 15th.

Clerk Stenographer LeRoy Van Cott was on duty all month with the exception of one day of sick leave taken on the 5th of March.

Assistant Clerk Rosemary Probst was assigned to this Department beginning March 11 for the purpose of taking care of photographic files and related work. She was on sick leave on March ~~27~~ 25 and took one hour annual leave on March ~~25.~~ 27

CCC enrollees Earnest Ruggerio and Robert Waugh have been assisting during the month with the filing of newspaper clippings and other miscellaneous duties.

400 Interpretation

410 Lectures, Guide Service, and Interpretive Contacts

The Junior Nature work was carried on for the school children during the month. Lectures were given on each Wednesday by Assistant Park Naturalists Condon and Long and Park Naturalist Bauer.

Each Sunday during the month a number of skiers enjoyed the skiing on the north slopes of Mt. Washburn. Rangers were assigned to supervise the activities and during this month the Naturalists did not take an active part.

411 Statistical report.

The statistical report is attached.

413 Lectures outside of the Park, or other extension services

Ranger Naturalist George Marler Continued his lecturing in Eastern Idaho for the Emergency Conservation Committee of the National Audubon Society. We have no detailed report of his contacts but we are informed that he gave a number of lectures each week during the month. We will submit a complete report of his activities in April.

Park Naturalist Bauer went to Bozeman on March 5 and lectured before the Junior Chamber of Commerce travel school upon the Importance of Recreational Travel and of Yellowstone National Park in attracting this travel. 35 people were present. 1600 feet of movie film were used.

415 Nature Notes

The March April issue of Nature Notes was prepared and mailed out on the 20th of the month to 696 people. This issue centered on the winter wildlife in the Park dealing with the Madison Valley bird census and other items of interest.

416 Ranger Naturalists

The new ranger naturalists were sent literature on the Park to study and all of them were advised that their appointments were received on March 18.

100 Implementation

111 Leaders, Guide Cards, and Industrial Consult

The Junior Science Academy was invited to serve as for the initial activity during the month. Leaders were given an week Academy of instructed just secondary school for Jump and Jerry Jr Guidelines Group.

Each Academy visited the month 1 member of school who judged the activity on the month eleven of 20. Students Academy were encouraged to experiment the activities and during also week the presentation 111 conclude on entire part.

112 Monitored report.

The monitored report is attached.

113 Industry models of the Jump, or other activities overview

Junior Scientists Canada Junior Centre Centre the Junior-Lab is Station Jump for the Department Commercial Academy of the National Science Society. In case of Lab(Lab report of the monitoring) is we are included that the Jump. number of Industry week week during the month. We will monitor a complete report of the activities in Lab1.

Pure Scientist Group week to Canada in Lab1 / and Lab2 and the Junior Number of Economic Trend and of Fellowship Canada the Commission of Environmental Trend and of Fellowship Canada Park is activities this trend. 20 people were present. This trend of Canada also more year.

112 Science Sites

The trend Sport Lab of Science sites was proposed and written on the time of the month to 20 people. This Lab activity on the Water activity in the Environment and the Science Fair Canada and other Lab of industry.

113 Engage Industries

The new Junior Canada Academy were also interviews on the part to study and 112 of Canada week Science and Canada Academy were visited in Lab1 12.

420 Museum Activities and Exhibits

Assistant Park Naturalists Long and Condon revised the facilities in the basement work rooms of the Mammoth Museum and spend several days rearranging cases, furniture, and materials so that the facilities in the work rooms are now much improved.

421 Progress of exhibit plans and projects

Assistant Naturalist Long prepared a statement for the Washington Office on exhibit materials suitable for transfer to other museums.

He also worked on museum plans for the Canyon and Headquarters Museum.

430 Research and Observation: Staff projects

Assistant Naturalist Condon made three field trips during the month. Assistant Naturalist Long made one field trip, and Park Naturalist Bauer made one field trip during which field observations were made on wildlife and other things of interest.

The Park Naturalist put in approximately 8 days in the study of Place Names during the month of March grouping the springs in the various geyser basins and preparing lists of names for each 10 minute quadrangle of the entire Park.

The Fish and Wildlife Service through Dr. Quortrup has given us a number of sternums of Whistling Swan, three of which were received during March. This material is being used by Mr. Condon in the study of Trumpeter Swan in Yellowstone. Mr. Condon is also carrying on the preparation of a paper on the Trumpeter Swan which will probably be submitted to the Superintendent in April.

430 Research and Observation: Unusual and significent observations - Thermal Activity

There is nothing of unusual interest to report this month. The Main Terrace at Mammoth Hot Springs became dry late in February and in March was back to normal again.

[illegible] Shows Activities and Results.

Attempts such activities and the [illegible] problems the facilities in the [illegible] are [illegible] of the [illegible] Tasmania and cannot support [illegible] [illegible]. Facilities and materials in which the facilities is [illegible] [illegible] are [illegible] [illegible].

[illegible] Programs of [illegible] plans are [illegible]

[illegible] [illegible] [illegible] [

440 Research and Observation: Cooperative projects

The Park Naturalist has been doing some work on the Petrifaction of wood and spent several hours during the month weighing pieces of wood which were used in infiltration studies.

450 Library Activities

All magazines in the library have been organized and properly filed. A series of magazines are now being prepared for binding.

The library statistics are as follows:

Books in circulation	17
Books received during March.	11
Indefinite loan of books	1
Pamphlets received in March.	6
Magazines received in March.	19

451 Newspaper Clippings

The news clippings were filed in scrap books during the month and brought up to date.

460 Natural History Association Activities

The Yellowstone Library and Museum Association has purchased a number of books during the month for the Yellowstone Library.

470 Photographic and other visual aids

During the month an office order from the Superintendent places the responsibility on Clerk Stenographer LeRoy Van Cott of the Naturalist Department of charging unexposed film out to the various employees who are engaged from time to time in getting photographs. We have long been charged with the responsibility of filing negatives and prints, but under the present setup we believe that more negatives will be returned for filing and a greater efficiency will be obtained in the handling of film and obtaining good photographs.

[illegible]

[illegible]

[illegible]

470 Photographic and other Visual Aids (continued)

Assistant Naturalist Condor and Long worked several days each in the darkroom during the month and did the following work:

Film packs developed	2
Cut film developed	4
Roll film developed	3
Contacts prints made	153
Enlargements made	44

45 kodaslides were bound by Assistant Clerk Rosemary Probst during the month.

1600 feet of movie film were used by Mr. Condon on the 25th in talking to 15 members of the Yellowstone Camera Club.

1600 feet of movie film were used by Park Naturalist Bauer in talking to 35 people at the Junior Chamber of Commerce travel school in Bozeman on March 5.

480 Reports and memoranda

Memoranda were prepared for the use of the local officials.

500 Use of Park Facilities

510 Increase or decrease in interpretive contacts with relation to travel trends, staff personnel, or other significant factors.

Each week during the month there were from 50 to 75 visitors in the Park enjoying skiing on the north slopes of Mt. Washburn.

Also many people came in at these times to view the wildlife and as a usual thing they were not disappointed.

520 Important or influential visitors

There were no special visitors during the month of March.

1.5 Transcripts and other Files (continued)

Laboratory technicians Jackie and Jerry Weber received her and it the Department Dental the Medical and its Information.

File photo negatives	
and file negatives	
Lab file envelopes	
Computer photos media	1/2
Videotape-only media	X

It contributes very broad to institutional study research during the month.

1500 feet of movie film were used by staff. Looking on the 2700 is kitchen-to it members of the Telephone Service file.

3500 feet of movie film were used on this training. Based in nothing as it people at the Jewish Museum of Cinema Center School in Cambridge on April 5.

1.6 Supply and equipment

Expenses were required for the use of the Lab's facilities.

2.0 Use of Film Facilities

2.1 Examples of Instances in Instructional Medical Film Action in Social Issues, other programs, or other significant history.

This most during the month there were four in the 27 visitors to the Lab Medical at in on the month shows of Mr. Kaminski.

Film many people come in at times time to view the facility and at a small film they have not indicated.

2.2 Instances of Institutional Medical

There were no special military Medical Film needs at Harvard.

530 Study groups or scientific investigators using the Park.

On March 28, Doctors Quortrup and Rassmussen were in the Park to assist in the vaccination of bison to be shipped to the San Rafeal Swell in Utah.

PROPOSED OUTLINE OF WORK FOR APRIL

First on the list for April is the preparation of work schedules and relief schedules for the summer months. Also plans for the handling of property, equipment, and the placing of men in the various assignments. Assistant Park Naturalist Long now looks after all the property and equipment of the Naturalist Department. Assistant Park Naturalist Condon has charge of sales publications and will take care of the ordering of book supplies and plans for handling these publications during the season.

It is hoped to submit a list of about 240 names for the study of the Branch of Recreational and Land Planning to be submitted to the United States Board on Geographical Names for their decision.

Also during the month the completion of the revision of certain exhibit cases in the Mammoth Museum is contemplated.

Respectfully submitted,

C. Max Bauer

C. Max Bauer,
Park Naturalist.

Director
Russell
Regional Director, II
Bumpus
File
Museum
CMB:LVC

320 Study group on security investigations [illegible] the [illegible].

In order [illegible] Department and Defense were in the [illegible] to assist in the [illegible] of [illegible] to [illegible] to the [illegible] Staff [illegible] [illegible].

Security [illegible] [illegible]

There is the [illegible] for [illegible] in the [illegible] of [illegible] and [illegible] [illegible] for the [illegible] [illegible]. [illegible] [illegible] [illegible] handling of [illegible], [illegible], and the [illegible] of [illegible] in the various [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] all the [illegible] and [illegible] of the [illegible] [illegible]. In [illegible] [illegible] [illegible] [illegible] [illegible] of [illegible] [illegible] and with [illegible] [illegible] of the [illegible] of [illegible] [illegible] [illegible] [illegible] [illegible]

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS

_____
Name of Area

Number of Persons Engaged in Interpretive Activities — March (Month)

	Technical	Administrative	Other
Permanent	2	1	
Temporary			

1941 (Year)

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
Auto Caravans				
Hiking Trips				
Ruins				
*				
*List other types Total			XXXX	
LECTURES				
Campfire				
Hotel or Lodge				
Museum				
Outside of Park Bozeman C.of C.Travel School	1	35	1-1/2 hrs.	52
Special**				
**Includes all other types Total	1	35	XXXX	52
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station				
List by name and type			XXXX	
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
List by name and type			XXXX	

BROADCASTS

Station	Subject

Total Contacts 35
Total V.P.H. 52
Total Visitors 1918

Name Max Bauer
Title Park Naturalist

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

* AVERAGE DURATION OF ACTIVITY.

** THIS COLUMN REPRESENTS VISITOR PARTICIPATION HOURS. THE FIGURE IS OBTAINED BY MULTIPLYING THE VISITOR ATTENDANCE BY THE AVERAGE DURATION OF THE CONTACT; I.E., THE AVERAGE TIME DEVOTED TO THE TRIP, LECTURE, MUSEUM VISIT, OR USE OF INTERPRETIVE STATIONS.

128897

museum
NC.
B

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DEPARTMENT

FOR

APRIL 1941

000 General

In spite of the plan for April to prepare work schedules and relief schedules most of the month was devoted to a preparation of the Place Name list to be submitted to the United States Board on Geographical Names.

Assistant Park Naturalist Condon spent several weeks in preparation of a report on the present status of the trumpeter swan and Assistant Park Naturalist Long spent more than ten days in the preparation of a paper on the development of Yellowstone Park museums and plans for their future.

Some planning for the summer season of course was done but the Ranger Conference which came the last week in the month took up the time of the naturalists as well since it is important that the naturalists become familiar with the work and development of the Ranger Department.

100 Administration

110 Special activities, conferences

The Ranger Conference was held April 28 to 30 inclusive at which the naturalists were present and took part in some of the discussions.

150 Master plan studies, plan and project review.

Studies on the Master Plan were finished, as far as we expect to go this year, about the middle of the month.

180 Personnel, labor

Park Naturalist Bauer was in charge of the Naturalist Department for the month of April except for two hours of annual leave taken on Thursday, April 24.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DEPARTMENT

FOR

APRIL 1941

000 General

In spite of the plan for April to prepare work schedules and relief schedules most of the month was devoted to a preparation of the Place Name List to be submitted to the United States Board on Geographical Names.

Assistant Park Naturalist Chamber spent several weeks in preparation of a report on the present status of the Trumpeter Swan and Assistant Park Naturalist Lamp spent more than ten days in the preparation of a paper on the development of Yellowstone Park museums and plans for their future.

Some planning for the summer season of course was done but the Ranger Conference which came the last week in the month took up the time of the naturalists as well since it is important that the naturalists become familiar with the work and development of the Ranger Department.

100 Administration

110 Special activities, conferences

The Ranger Conference was held April 28 to 30 inclusive at which the naturalists were present and took part in some of the discussions.

120 Master plan studies, plan and project review.

Studies on the Master Plan were finished, as far as we expect to go this year, about the middle of the month.

130 Personnel, labor

Park Naturalist Chamber was in charge of the Naturalist Department for the month of April except for two hours of annual leave taken on Thursday, April 24.

180 Personnel, labor (continued)

Assistant Park Naturalist Condon was on duty throughout the month.

Assistant Park Naturalist Long was on duty all month with the exception of one day annual leave on April 8.

Clerk LeRoy Van Cott was on duty all month with the exception of 1/2 day sick leave on April 3, and 3-1/2 days annual leave, April 10 to the 14th.

Assistant Clerk Stenographer Rosemary Probst was on duty all month with the exception of 1/2 day sick leave on the 15th and 1/2 day sick leave on the 21st.

CCC enrollees Earnest Ruggerio and Robert Waugh have been assisting in the filing of newspaper clippings, photgraphs, and other miscellaneous duties in the museum work shop during the month.

400 Interpretation

410 Lectures, Guide Service, and Interpretive Contacts

On April 12 the class in Wildlife Management from the Utah Agricultural College at Logan, Utah visited the Park and was conducted by Assistant Park Naturalist Condon through the museum and given a talk on the wildlife of the Park. There were 16 in the group.

Each Wednesday during the month the nature school for the school children in Mammoth occupied the attention of one of the naturalists and this work involved several field trips for the group of children - 13 in number.

411 Statistical report.

The statistical report is attached.

413 Lectures outside of the Park, or other extension services

Assistant Park Naturalist David Condon made a special trip to Bozeman, Montana on the 7th where he lectured on Yellowstone National Park to 460 people. 3200 feet of movie film were used at this lecture.

[illegible]

[illegible]

[illegible]

413 Lectures outside of the Park, or other extension services (continued)

Ranger Naturalist George Marler continued his lecture work in Idaho until April 4. This work is under the direction of the Emergency Conservation Committee of the National Audubon Society. Between January 30 and April 4 Mr. Marler gave 74 lectures in highschools, civic clubs, colleges, and gun clubs in Eastern Idaho to a total attendance of 24,687. This work was done with the object of publicising the importance of saving Trumpeter Swan outside of Yellowstone National Park and the wildlife refuges where they are protected. As it seems now as the population in the protected areas increases there is going to be a greater overflow to adjoining areas and therefore the greatest menace the birds have at the present time are from uninformed or illegal hunters.

415 Nature Notes

No work was done on Nature Notes during the month.

416 Ranger Naturalists

Considerable correspondence was had with the Ranger Naturalists and on the 28th of the month we sent out memorandum number 1 giving instructions to them regarding the ranger naturalist position and the other data essential for the preseason activities, procurement of uniform, etc.

420 Museum Activities and Exhibits

All museums in the Park were closed during the month.

Assistant Park Naturalist Long did several days' work on the revision of the Mammoth Museum and was able to visit the Norris and Old Faithful Museums during the month.

421 Progress of exhibit plans and projects

After discussion of the Headquarters Museum plan with the Department Heads and Landscape Architect Sanford Hill, the Park Naturalist, with the assistance of the Assistant Park Naturalists revised the plan of the Headquarters Museum so as to fit in with a possibility of combining this unit with an administrative building.

413 Lectures outside of the Park, or other extension services (continued)

Ranger Naturalist George Marler continued his lecture work in Idaho until April 4. This work is under the direction of the Emergency Conservation Committee of the National Audubon Society. Between January 30 and April 4 Mr. Marler gave 74 lectures in highschools, girls clubs, colleges, and gun clubs in Eastern Idaho to a total attendance of [illegible]. This work was done with the object of publicizing the importance of saving Trumpeter Swan outside of Yellowstone National Park and the wildlife refuges where they are protected. As it seems now as the population in the protected areas increased there is going to be a greater overflow to adjoining areas and therefore the greatest menace the birds here at the present time are from uninformed or illegal hunters.

414 Nature Notes

No work was done on Nature Notes during the month.

416 Ranger Naturalists

Considerable correspondence was had with the Ranger Naturalists and on the 20th of the month we sent out memorandum number 1 giving instructions to them regarding the ranger naturalist position and the other data essential for the processes activities, procurement of uniform, etc.

420 Museum Activities and Exhibits

All museums in the Park were closed during the month.

Assistant Park Naturalist Long did several days' work on the revision of the Bloomfield Museum and was able to visit the Norris and Old Faithful Museums during the month.

421 Progress of exhibit plans and projects

After discussion of the Headquarters Museum plan with the Department Goods and Landscape Architect Sanford Hill, the Park Naturalist, with the assistance of the Assistant Park Naturalists revised the plan of the Headquarters Museum so as to fit in with a possibility of combining this unit with an administration building.

423 Museum Activities - photographic cabinets and files

Inasmuch as Clerk LeRoy Van Cott is now responsible for charge out of unexposed film and other photographic equipment it was necessary to build a cabinet to hold this material. Since our files were becoming too large for the proper storage of exposed film, prints, and albums it was necessary to build a series of cupboards and cabinets in the room adjoining the dark room to take care of this photographic equipment and supplies and also are exposed negatives and prints. These cabinets were built during the month of April.

430 Research and Observation: Staff projects

The Park Naturalist made five field trips during the month for observation of thermal activity and wildlife.

Assistant Park Naturalist Condon made two field trips during the month and Assistant Park Naturalist Long made five field trips during the month.

No special research problems were promoted in the field although work in the office was carried on for three very important problems. First, the report of the Trumpeter Swan, its present status by Mr. Condon; Second, the development and future of the Yellowstone Park museums by Mr. Long; and third, Place Names of Yellowstone Park by Dr. Bauer.

430 Research and Observation: Unusual and significent observations - Thermal Activity

A number of changes have been noted in the Norris Geyser Basin. Steamboat Geyser which has been very active for a number of years does not appear to have erupted for several months. Only steam is now issuing from the orifice.

Black Growler steam vent has become more or less choked with water and there is considerable water in the area so that the temperature of the vent is probably not above boiling.

The old Black Growler vent which was somewhat nearer to Valentine Geyser has become a small geyser.

Valentine Geyser itself was seen in eruption on April 23 as was also Ledge, Little Whirligig, and several other unnamed vents to the west of Valentine Geyser.

1.5. Human activities - photographic methods and film

Because of their bulky low cost it may be impossible for months all of designed film and other photographic equipment it was necessary to build a mission to hold this material. Films and films were handling the large for the prime storage of magnetic film, paints, and stores in one container to build a series of replacement and materials in the room and jointly the dark room to take care of this photographic equipment and the equipment for film for magnetic impulses and films. These materials were built during the month of March.

1.6. Research and Observations. Staff projects

The full scientific work the first half being during the month for observation of thermal activity and activity.

Activity that developing towards back the track line during the month and activity that Meteorological have made five field trips during the month.

The special research problems were practical in the field although work in the office was carried on for three year important problems. First, the report of the Yellowstone Lake, its present status in 1. Cooling Lake, the experiment and future of the Yellowstone Park methods by Mr. Barry and Boyd, Fire Ecology of Yellowstone work by Dr. Baker.

1.6. Research and Observations. Thermal and significant observations - Thermal activity

A number of changes have been made in the Geyser Report Book. Yellowstone Geyser which has been very active for a number of years does not appear to have erupted the several months. Only when it has leaving from the activity.

Black Growler steam vent has been more or less flooded with water and there is considerable water in the area so that the temperature of the vent is probably not above boiling.

The old Black Growler vent which was another source to Paintpot Geyser has become a small geyser.

Paintpot Geyser itself has been in erupting on April 17 as was also Lodge, Little Footlight, and several other thermal vents in the park of Yellowstone Lake.

440: Cooperative projects

There has been no report on the work of Dr. Charles B. Read in connection with the studies on Fossil Plants and Forests of Yellowstone. However, we believe that Dr. Read is preparing such a report based on his studies of last summer.

There has been no recent information on the progress of the work of Dr. Ray Wilcox who spent several months in the Park again last summer studying the relationships of basalt and rhyolite in Gardiner's Hole.

450: Library Activities

With the help of CCC enrollees we were able to revise the map books and prepare a book on topographic quadrangles which will be added to the library.

Correlation charts of formations throughout the United States were presented to the library by Park Naturalist Bauer from his personal collection. These were made into a book and added to the library.

The library statistics are as follows:

Books in circulation	21
Books received during April.	17
Indefinite loan of books	5
Pamphlets received in April.	17
Magazines received in April.	22

451: Newspaper Clippings

The news clippings were filed in scrap books during the month and brought up to date.

460: Natural History Association Activities

The Yellowstone Library and Museum Association purchased a number of books during the month for the Yellowstone Library and these were accessioned.

The Association also purchased an auditorium model Bell and Howell movie projector for $241.12 which will be used in furthering the work of the Naturalist Department.

140: Cooperative projects

There has been no report on the work of Dr. Charles B. Hood in connection with the studies on Fossil Plants and Forests of Yellowstone. However, we believe that Dr. Hood is preparing such a report based on his studies of last summer.

There has been no recent information on the progress of the work of Dr. Ray Wilson who spent several months in the Park again last summer studying the relationships of basalt and rhyolite in Northwest's Hole.

150: Library Activities

With the help of CCC enrollees we were able to revise the map books and prepare a book on topographic nomenclature which will be added to the library.

Correlation charts of formations throughout the United States were presented to the Library by Fort Naturalist Baker from his personal collection. These were made into a book and added to the library.

The library statistics are as follows:

Books in circulation	21
Books received during April.	17
Indefinite loan of books	7
Periodicals received in April.	27
Magazines received in April.	28

151: Newspaper Clippings

The news clippings were filed in scrap books during the month and brought up to date.

160: Natural History Association Activities

The Yellowstone Library and Museum Association purchased a number of books during the month for the Yellowstone Library and these were accessioned.

The Association also purchased an auditorium model Bell and Howell movie projector for $[illegible] which will be used in furthering the work of the Naturalist Department.

470: Photographic and other visual aids

Miss Rosemary Probst has been busy most of the month labelling and filing photographic prints.

Assistant Park Naturalist Condon completed the following work in the darkroom during the month:

Cut film developed	8
Film packs developed	1
Enlargements made	16
Contact prints made	64

16 hours were devoted to the editing and splicing of movie films by Mr. Condon.

400 feet of kodachrome movies taken of the Trumpeter Swan were sent to the Washington Office for their review and duplication if they so desire.

3200 feet of kodachrome movies were used by Mr. Condon for lecture purposes during the month.

Ranger Naturalist Marler returned the movie film and lantern slides which he had been charged with for his lecture work in Idaho.

480: Reports and memoranda

The Trumpeter Swan report being prepared by Mr. Condon has been mentioned elsewhere.

500 Use of Park Facilities

510 Increase or decrease in interpretive contacts with relation to travel trends, staff personnel, or other significant factors

An increasing number of people are visiting the Park for the purpose of seeing wildlife. On April 13 we had a visit from International President of Kiwanis, Mark Smith and party which had the pleasure of seeing more wildlife than perhaps has been seen for a good many of years in Yellowstone Park. For a few days during that period there were literally thousands of wapiti in view of the road between Mammoth and the Buffalo Ranch. Also there were numerous deer, antelope, mountain sheep, and buffalo which chould be seen close at hand.

[illegible]: Photographic and other visual aids

Miss Rosemary Frobst has been busy most of the month labelling and filing photographic prints.

Assistant Park Naturalist Gordon completed the following work in the darkroom during the month:

Cut film developed	8
Film pack developed	1
Enlargements made	45
Contact prints made	84

16 hours were devoted to the editing and splicing of movie films by Mr. Gordon.

[illegible] feet of Bodastrom movies taken of the Trumpeter Swan were sent to the Washington Office for their review and duplication if they so desire.

[illegible] feet of Bodastrom movies were sent by Mr. Gordon for lecture purposes during the month.

Ranger Naturalist Marler returned the movie film and lecture slides which he had been charged with for his lectures were in Idaho.

[illegible]: Reports and Programs

The Trumpeter Swan report being prepared by Mr. Gordon has been mentioned elsewhere.

[illegible] Use of Park Facilities

[illegible] Increase or decrease in interpretive contacts with relation to travel trends, staff personnel, or other significant factors

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520 Important or influential visitors

International President of Kiwanis, Mark Smith and party, visited Yellowstone Park on April 13.

PROPOSED OUTLINE OF WORK FOR MAY

Preparation of work schedules and relief schedules for the summer months which was not completed during April will be carried on.

The preparation of cabins and quarters for ranger naturalists for the coming season, the preparation of materials for the ranger naturalists so that the information desks will be stocked when the season opens is progressing.

It is also hoped that the work undertaken in the revision of one of the museums at Mammoth will be completed and put in good condition.

The placing of some sort of floor covering on the floor in the Fishing Bridge Museum is being planned and it is hoped that this can be carried out during the month of May.

The list of sales publications needed for the coming season has already been made out and it is expected that these will be ordered early in May.

The editing of the next edition of Nature Notes will be accomplished and if possible the edition will be put out before the first of June.

Respectfully submitted,

C. Max Bauer

C. Max Bauer,
Park Naturalist.

Director
Russell
Regional Director II
Bumpus
File
Museum
CMB:LVC

[illegible] Department of Information Services

[illegible] Department of Finance, [illegible] and yours,
[illegible] Information Officer on April 15.

[illegible] Results of [illegible] [illegible]

Preparation of work schedules [illegible] related [illegible] the [illegible] which was not completed during April will be carried [illegible].

The preparation of [illegible] and [illegible] for [illegible] information for the [illegible] [illegible], the preparation of [illegible] [illegible] [illegible] [illegible] that the [illegible] [illegible] will be [illegible] [illegible] [illegible] [illegible] [illegible].

It is also hoped that [illegible] work [illegible] [illegible] [illegible] [illegible] of the [illegible] [illegible] [illegible] will be completed [illegible] [illegible] [illegible] [illegible].

The [illegible] of [illegible] [illegible] of [illegible] [illegible] [illegible] [illegible]

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS

Yellowstone National Park

Name of Area

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	2	1	
Temporary			

April
Month
1941
Year

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
Auto Caravans				
Hiking Trips				
Ruins				
*				
*List other types Total			XXXX	
LECTURES				
Campfire				
Hotel or Lodge				
Museum				—
Outside of Park **Bozeman Women's Club**	1	420	1-1/2 hrs.	630
~~Spectators~~ **Bozeman business men**	1	40	1-1/2 hrs.	60
**Includes all other types Total	2	460	XXXX	690
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station				
List by name and type			XXXX	
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
List by name and type			XXXX	

BROADCASTS

Station	Subject

Total Contacts 460
Total V.P.H. 690
Total Visitors 4340

Name Ollax Bauer
Title **Park Naturalist**

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

* AVERAGE DURATION OF ACTIVITY.

** THIS COLUMN REPRESENTS VISITOR PARTICIPATION HOURS. THE FIGURE IS OBTAINED BY MULTIPLYING THE VISITOR ATTENDANCE BY THE AVERAGE DURATION OF THE CONTACT; I.E., THE AVERAGE TIME DEVOTED TO THE TRIP, LECTURE, MUSEUM VISIT, OR USE OF INTERPRETIVE STATIONS.

museum
2

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DEPARTMENT

FOR

MAY 1941

000 General

The month of May was spent in preparation for the coming season. Work schedules and relief schedules were made and memoranda were gotten out to the ranger naturalists instructing them concerning their duties.

The Park Naturalist completed the preliminary list of Place Names to be submitted to the United States Board on Geographical Names.

Numerous trips afield were made by the Park Naturalist and the Assistant Park Naturalists to prepare museums and quarters for the coming season and make observations on natural features.

Assistant Park Naturalist Condon had four trips afield and also completed his paper on "The Preliminary Report of the Trumpeter Swan."

Assistant Park Naturalist Long had seven trips afield during which time he supervised the work of laborers who are working on the cleanup of the museums and quarters.

100 Administration

110 Special activities, conferences

During the month the Park Naturalist went to Helena to cooperate with the Montanans Incorporated on the tourism schools.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

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FOR

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Assistant Park Naturalist Lemon had four trips afield and also completed his paper on "The Preliminary Report of the Trumpeter Swan."

Assistant Park Naturalist Long had seven trips afield during which time he supervised the work of laborers who are working on the cleanup of the museums and quarters.

100 Administration

110 Special activities, conferences

During the month the Park Naturalist went to Helena to cooperate with the Montanans Incorporated on the tourism schools.

150 Master plan studies, plan and project review.

No work was done on the Master Plan during the month of May.

180 Personnel, labor

Park Naturalist Bauer was on duty all month.

Assistant Park Naturalist Condon was on duty all month except 1-1/2 days annual leave taken on the 9th and 10th, and 1/2 day leave taken on the 17th.

Assistant Park Naturalist Long was on duty all month.

Clerk LeRoy Van Cott was on duty all month except 1-1/2 days annual leave taken on the 9th and 10th.

Assistant Clerk Stenographer Rosemary Probst was on duty in the Naturalist Department up to the 24th inclusive at which time she transferred to the Chief Clerk's office, beginning work there on the 26th. She had annual leave of 4/16 days on the 13th and 8/16 of a day on the 14th.

CCC enrollees Earnest Ruggerio and Robert Waugh were on duty all month filing newspaper clippings, pasting prints in albums, and other routine work in connection with the museum.

Laborers were hired for museum cleanup work as follows: Tom Gleason began at noon on May 16 and worked until Saturday noon, May 24. Elmer McGrady went to work on May 19 at noon and worked until noon on the 26th. Paul Pugmire began work on May 27 and worked through to the end of the month. Jim Brown and George Chaffae went to work on Saturday morning, May 31 and worked all day.

Ranger Naturalist George Marler was the only ranger naturalist signed up during the month of May. He began on May 10 and worked through to the end of the month.

400 Interpretation

410 Lectures, Guide Service, and Interpretive Contacts

The work of Mr. Marler as ranger naturalist consisted of attendance at the museum information desk for several hours

100 Marine pipel studies, plus lab project review.

The work was done on the Marine Pipel during the month of May.

110 Pressure, Inter

This Industrial Lamp was in July -31 month.

Assistant Pure Biologist Course was in July 31 month except 3-17 days annual leave taken on the 3th and 10th, and 17 day leave taken on the 17th.

Assistant Pure Biologist Lamp was in July 31 month.

Clerk Lamp, Pol Court was in July 31 month except 1-4/7 days annual leave taken on the 3rd and 10th.

Laboratory Clerk Stenographer Bramley Tudor was on duty in the Biologist Department in the Pipel Laboratory at which time she transferred to the Chief Chemist's office, beginning work there on 1st July. She had annual leave of 4/12 days on the 13th and 1/2th at a day on the 11th.

CCC Assistant Salvage Officers and Salvage Men were on duty 31 month Trial Employer Interview, meeting people in clinic, and other duties with in association with the Pipel.

Laborers were hired for various cleaning work at Tallman. The cleaning began at 7:00 on May 31 and ended until Saturday, May 31. Other Friday and 17 work 31 May 17/31 Lab. and worked until 4:00 on the 31th. Trial Tugboats began work on May 17 and worked through to the end of the month. The Tugs and Barge Shuttle work in work on Saturday morning, May 31 and worked all day.

Larger Barge/Tugs Barge was the only regular maintenance slipped by during the month of May. It began on May 31 and worked through to the end of the month.

100 Interpretation

110 Lecture, Guide Service, and Interpretive Industry

The work of Mr. Barlow at Pulpit Lecture Industrial provided a attendance at the Marine Laboratory and the Pipel Room

of each day at Old Faithful and two hours of geyser observation each morning and from two to three hours of public contact work of meeting visitors in the geyser basins and also at the museum and answering their questions.

411 Statistical Report

The statistical report is attached

413 Lectures outside of the park, or other extension services

The Park Naturalist gave one talk on May 13 at Livingston, Montana to the Kiwanis Club. The subject was Recreational Travel and its Significance and also 25 kodaslides were shown dealing with forest fires. 36 were present at this talk. Park Naturalist Bauer talked for 45 minutes.

He also gave a talk at Helena, Montana on May 15 in connection with the Tourism School to 26 people. The subject was "The Importance of Yellowstone National Park in the Travel Business of Montana" and lasted two hours.

415 Nature Notes

The May-June issue of Nature Notes was edited and is now ready for stencilling and mimeographing.

416 Ranger Naturalists

Memoranda were sent to the ranger naturalists giving instructions for work for the coming season.

Ranger Naturalist George Marler served from the 10th of May on to the end of the month at Old Faithful station.

420 Museum Activities and Exhibits

Old Faithful Museum has been opened since May 10.

Assistant Park Naturalist Long had charge of the housecleaning work in the museums. Mammoth Museum was thoroughly cleaned and Old Faithful Museum was worked on and is just about ready for the season.

of each day at Old Faithful and two hours of person conversation made morning and from two to three hours of public-contact work of meeting visitors in the garage basins and also at the museum and answering their questions.

411 Statistical Report

The statistical report is attached.

413 Lectures outside of the park, or other extension services

The Park Naturalist gave one talk on May 21 at Livingston, Montana to the Kiwanis Club. The subject was Recreational Travel and the Significance and also 45 Kodachrome were shown dealing with forest fires. 50 were present at this talk. Park Naturalist Bauer talked for 45 minutes.

He also gave a talk at Dolman, Montana on May 15 in connection with the Teaching School to 60 people. The subject was "The Importance of Yellowstone National Park in the Travel Business of Montana" and lasted two hours.

415 Nature Notes

The May-June issue of Nature Notes was edited and is now ready for stencilling and mimeographing.

416 Ranger Naturalists

Memoranda were sent to the ranger naturalists giving instructions for work for the coming season.

Ranger Naturalist George Marler served from the 15th of May on to the end of the month at Old Faithful station.

420 Museum Activities and Facilities

Old Faithful Museum has been opened since May 12.

Assistant Park Naturalist Long had charge of the housecleaning work in the museums. Mammoth Museum was thoroughly cleaned and Old Faithful Museum was worked on and is just about ready for the season.

BEFORE

January 1941 Photo by Long

Two stages in the renovation of exhibits in Bird Wing
of Mammoth Museum Yellowstone National Park

AFTER

May 1941 Photo by Long

421 Progress of exhibit plans and projects

The exhibits in the Mammoth Museum which were being revised and modernized have been nearly completed. There are some labels to prepare and other items that will be done during the next month.

423 Museum Activities - photographic

Clerk LeRoy Van Cott has been charging out unexposed film and charging in exposed film and Rosemary Probst has been titling pictures for the albums and filing prints and negatives.

430 Research and Observation: Staff projects

Research work has generally given way to other kinds of work during the month. However, the Park Naturalist received a preliminary paper from Dr. Charles B. Read on the "Story of Fossil Wood" and spent several evenings working on this for the purpose of incorporating in it facts observed by himself over a period of years and also in connection with recent experiments with wood dipped in water from the geyser areas - water which is exceptionally strong in silica. Experiments have shown that in the case of lodgepole pine about 1.2% of silica may be added each year to the ~~ex~~internal structure of the wood. This does not include the part which is encrusted on the outside.

430 Research and Observation: Unusual and significent observations - Thermal Activity

No unusual thermal activities were noted during the month. However, it may be interesting to state that between the 10th of May and the 30th of May the Grand Geyser erupted 11 times, an average interval of 43 hours.

Blue Spring in the Mammoth Hot Springs area has been particularly active and beautiful during the last part of the month.

440 Research and Observation: Cooperative projects - studies carried on by or with the aid of other agencies.

The research work carried on by the Park Naturalist in connection with fossil wood is being carried forward also by

421 Progress of exhibit plans and projects

The exhibits in the Museum Museum which were being revised and modernized have been nearly completed. There are some labels to prepare and other items that will be done during the next month.

423 Museum Activities - photographic

Clark Lodge The Dust has been charging and compared film and charging to exposed film and [illegible] [illegible] [illegible] titling pictures for the albums and filing prints and negatives.

424 Research and Conservation: Staff projects

Research work has generally given way to other tasks of work during the month. However, the Fort Naturalist received a preliminary paper from Dr. Charles D. Reed on the "Story of Fossil Wood" and spent several evenings working on this for the purpose of incorporating in its facts observed by himself over a period of years and also in connection with month experiments with wood tipped in water from the purest sense - water which is exceptionally strong in silica. Experiments have shown that in the case of Indgepale pine about 1.25 of silica may be added each year to the [illegible] structure of the wood. This does not include the part which is absorbed on the outside.

425 Research and Observation: Thermal and significant observations - Thermal Activity

No unusual thermal activities were noted during the month. However, it may be interesting to state that between the 15th of May and the 30th of May the Grand Geyser erupted 12 times, an average interval of 40 hours.

Nine Spring in the Museum Hot Springs area has been particularly active and beautiful during the last part of the month.

426 Research and Observation: Cooperative projects - studies carried on by or with the aid of other agencies.

The research work carried on by the Fort Naturalist in connection with fossil wood is being carried forward also by

Dr. Charles B. Read who, with the help of funds provided by the Yellowstone Library and Museum Association, undertook a careful study of the fossil plants and forests of Yellowstone National Park last summer.

Dr. Read has now submitted a short paper on the Story of Fossil Wood and with the collaboration of Dr. Bauer will prepare an article for publication either as a bulletin or a magazine article. Illustrations are also being prepared for this publication.

450 Library Activities

During the month a number of magazines which were being bound to fill out our series of magazines were received from the Dieter Bookbinding Company. They are as follows:

Conservation
American Wildlife
Journal of Mammalogy
Journal of Geology
Quarterly Review of Biology
Annals of Wyoming
Planning and Civic Comment
Journal of Wildlife Management
Bird Lore
Nature Magazine
American Forests
Natural History

The library statistics are as follows:

Books in circulation	17
Books received during May.	39
Indefinite loan of books	3
Pamphlets received in May.	22
Magazines received in May.	19

451 Newspaper Clippings

The filing of newspaper clippings has been worked on during the month and ~~are~~ practically current.

Mr. Charles T. Cleveland, with the help of Frank provided by the Tallahassee Library and Bureau Laboratories, initiated a careful study of the Tassil plants and figures at Villahermosa including that last -named.

Dr. Bond has now published a short paper on the Story of Tipsil Tope and with the collaboration of Dr. Dunn will prepare an article for publication either as a bulletin or a popular article. Illustrations are also being prepared for this publication.

XXV Library Statistics

During the month a number of additions which may yield bound to fill out our series of magazines were received from the Bureau Bookbinding Company. They are as follows:

Conservation
Learned Society.
Journal of Geology
Journal of Zoology
Quarterly Botanical Biology
Annals of Mycology
Fishing and Game Farmer
Journal of Animal Ecology
Bird Lore
Nature Magazine
Nucleus Fossils
Natural History

The library statistics are as follows:

Books in circulation	17
Books reserved during day.	27
Cumulative total of books	5
Magazine reserved in day.	26
Magazines reserved in day.	12

XXI Emergency Clinics

The clinic of Emergency Clinics has been revised as during the month and ~~is~~ provisionally approved.

31, 1941 Photo by Long

Wapiti cow and calf crossing Gibbon River - Gibbon Meadows

Yellowstone National Park

460 Natural History Association Activities

The Yellowstone Library and Museum Association has purchased a wide angle lens for the Leica Camera. This is a 28 mm Hektor F 6.3 lens and takes in an angular view of about 85°. This will be useful in taking the pictures of the beautifully colored hot pools and springs where close up views are important. The cost of this wide angle lens was $65.00.

470 Photographic and other visual aids

The photographic work accomplished by Miss Rosemary Probst during the month of May is as follows: Classified and filed 500 prints of pictures taken by Haynes. Classified and filed by subject 1,000 prints for whixh we do not have the negatives. Classified and filed by negative number about 1200 duplicate prints of which we have copies in our albums. Prepared negative file records for 1941 pictures to date.

Assistant Naturalist Condon cleaned 10,500 feet of 16 mm movie film during the month.

32 kodaslides with their duplicates that were loaned to Washington for their use and for duplication were returned to the Department.

Assistant Naturalists Condon and Long accomplished the following work in the darkroom during the month:

Enlargements	180
Contact Prints	352

Three hundred feet of 16 mm kodachrome movies were exposed during the month and returned in good order.

480 Reports and memoranda

The report of the present status of the Trumpeter Swan was completed by Assistant Park Naturalist Condon and submitted to the Superintendent by the Park Naturalist.

Another paper on the present museums and the future plans for museums in Yellowstone National Park was prepared by Assistant Park Naturalist Long and submitted to the Supervisor of Research and Interpretation.

460 Natural History Association Activities

The Yellowstone Library and Museum Association has purchased a wide angle lens for the Leica Camera. This is a 28 mm Hektor F 6.3 lens and takes in an angular view of about 85°. This will be useful in taking the pictures of the beautifully colored hot pools and springs where close up views are important. The cost of this wide angle lens was $[illegible].

470 Photographic and other visual aids

The photographic work accomplished by this Secondary Trade during the month of May is as follows: Classified and filed 500 prints of pictures taken by Mayoss. Classified and filed by subject 1,000 prints for which we do not have the negatives. Classified and filed by negative number about 1200 duplicate prints of which we have copies in our album. Prepared negative file records for 1941 pictures to date.

Assistant Naturalist Camden cleaned 12,500 feet of 16 mm movie film during the month.

52 bodoslides with their duplicates that were loaned to Washington for their use and for duplication were returned to the Department.

Assistant Naturalists Camden and Lang accomplished the following work in the darkroom during the month.

Enlargements	100
Contact Prints	[illegible]

Three hundred feet of 16 mm kodachrome movies were exposed during the month and returned in good order.

480 Reports and memoranda

The report of the present status of the Temperature Team was completed by Assistant Park Naturalist Camden and submitted to the Superintendent by the Park Naturalist.

Another paper on the present museum and the future plans for museums in Yellowstone National Park was prepared by Assistant Park Naturalist Lang and submitted to the Supervisor of Research and Interpretation.

500 Use of Park Facilities

510 Increase or decrease in interpretive contacts with relation to travel trends, staff personnel, or other significant factors.

There was an increase during the month of May over May of last year in entrance travel to the Park. This year it is a little over 22,000 whereas in May of last year it was nearly 19,000. Contacts made this month by the Naturalist Department amounted to 4,491.

SUPPLEMENTAL

400 Interpretation

410 Lectures, Guide Service, and Interpretive Contacts

The nature school for the school children of the Mammoth area concluded its season's work by taking a trip around the Grand Loop Road.

The children were shown many features which they had not seen before and most of them became so enthusiastic that they are telling everyone about the wonderful things in Yellowstone National Park.

PROPOSED OUTLINE OF WORK FOR JUNE

During the first two weeks of June two museums will be open, the one in Mammoth and the one in Old Faithful. The other three will undergo a thorough cleaning in preparation for the season.

On June 12 to 14 will be the pre-season activities which include a school for the new ranger naturalists and temporary rangers that come to the Park. It also is for the instruction of most of the older men who are contacting the public. This year there will be about 42 men take the trip around the loop under the guidance of the Park Naturalist. He will be assisted by the two Assistant Park Naturalists and four Assistant Chief Rangers.

300 Use of Park Facilities

310 Increase of campsite in Conservation reflects well the facilities in Grand Forks, Mount Spokane, a other significant factors.

There was an increase during the month of May over the last year in attendance towards the Park. This year it is a little over 22,000 whereas in May of last year it was only 17,000. Campers made this month by the Security Department amounted to 1,171.

Maintenance

400 Transportation

410 Vehicles, Work Service, and Conservation Campers

The entire visual for the second quarter of the Summer was occupied the beaver's work by being a big crowd the Grand Loop road.

The soldiers were seen many factors which they had not seen before and most of them became so enthusiastic that they are telling everyone about the wonderful things in Yellowstone National Park.

Superintendent's Report

During the first two weeks of June the increase will be great. We are in Summer and the rest is Fabulous. The other three will undergo a thorough cleaning in preparation for the season.

Co-ops 12 to 15 will be the pre-season activities which include a school for the new rangers interpretive and emergency rangers that come to the Park. It also is for the information of most of the men who are responsible for public. This year there will be about 12 men take the trip around the loop under the guidance of the Park Naturalist. We will be assisted by the Naturalist from Glacier and Park Ranger Instructor Rangers.

Plans are also made for instructing the new bus drivers who go to work for the Transportation Company in June to give them special instruction on Yellowstone National Park and the importance of answering questions of the visitors in a correct and courteous manner.

Plans are also made and will be supervised by the Park Naturalist in which the district rangers will each hold a series of evening meetings for the purpose of instructing the employees of the Yellowstone Park Company and the other operators in rules, regulations, and essential information in connection with the handling of visitors in the Park.

Nature Notes will be published early in June.

All of the self-guiding nature trails will be examined and labels placed to properly mark the various features along the way.

Full summer activity will begin on Sunday, June 15.

Respectfully submitted,

C. Max Bauer

C. Max Bauer,
Park Naturalist.

Director
Russell
Regional Director II
Bumpus
File
Museum
CMB:LVC

Plans are also made for instructing the new bus drivers who go to work for the Transportation Company in ways to give them special instructions on Tallamatawa National Park and the importance of observing questions of the visitors in a courteous and conscious manner.

Plans are also made and will be supervised by the Park Ranger working in which the Ranger will hold a series of evening meetings for the purpose of instructing the employees of the Tallamatawa Park Company and the other concessions in rules, regulations, and essential information in connection with the handling of visitors in the Park.

Nature Talks will be published daily in Jones.

All of the self-guiding nature trails will be marked and labels placed in properly sets the various features along the ways.

This tourist activity will begin on Monday, June 15.

Respectfully submitted,

(Signed) J.

J. Wm. Lowry,
Park Naturalist.

Director
Regional
Regional Director 22
Region
File
Chron
Chron.(2)

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS

Yellowstone National Park
Name of Area

SHEET ONE

SHEET ONE

May
Month
1941
Year

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	2	1	
Temporary	1		

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
Auto Caravans				
Hiking Trips	1	65	1-1/2 hrs	97
Ruins				
*	2	276	2-1/2 hrs	690
*List other types SEE SHEET TWO Total			XXXX	
LECTURES				
Campfire				
Hotel or Lodge				
Museum				
Outside of Park				
Special**	3	550	1-1/2 hrs	825
**Includes all other types SEE SHEET TWO Total			XXXX	
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station				
Yellowstone Museums (Old Faithful Museum)		2500	5 min.	208
Old Faithful Cone Count (Talk)	15	2400	10 "	400
Old Faithful Geyser Basins Contacts		1200	5 "	100
Tower Falls Observation Platform	No naturalist on duty yet - no count			
Artist Point at Canyon	No naturalist on duty yet - no count			
List by name and type SEE SHEET TWO			XXXX	
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
Beaver Field Exhibit		1000	5 min.	84
Obsidian Cliff Exhibit		800	5 "	66
Nymph Lake Exhibit		400	5 "	33
Tuff Cliff Exhibit		200	5 "	17
List by name and type			XXXX	

BROADCASTS

Station	Subject

Total Contacts See Sheet Two for totals
Total V.P.H. See Sheet Two for totals
Total Visitors See Sheet Two for totals

Name C. Max Bauer
Title C. Max Bauer, Park Naturalist

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

* AVERAGE DURATION OF ACTIVITY.

** THIS COLUMN REPRESENTS VISITOR PARTICIPATION HOURS. THE FIGURE IS OBTAINED BY MULTIPLYING THE VISITOR ATTENDANCE BY THE AVERAGE DURATION OF THE CONTACT; I.E., THE AVERAGE TIME DEVOTED TO THE TRIP, LECTURE, MUSEUM VISIT, OR USE OF INTERPRETIVE STATIONS.

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS

Yellowstone National Park
Name of Area

SHEET TWO

SHEET TWO

May
Month
1941
Year

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	2	1	
Temporary	1		

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
Auto Caravans				
Hiking Trips				
Ruins				
*				
*List other types Total	3	341	XXXX	787
LECTURES				
Campfire				
Hotel or Lodge				
Museum				
Outside of Park				
Special**				
**Includes all other types Total	3	550	XXXX	825
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station				
Grand View at Canyon	No naturalist on duty yet - no count			
Mount Washburn	This road is not open yet			
List by name and type	15	6100	XXXX	708
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
Firehole Canyon Exhibit		800	5 min	66
List by name and type		3200	XXXX	266

BROADCASTS

Station	Subject

Total Contacts 10191
Total V.P.H. 2586
Total Visitors 22434

Name Omar Bauer
Title C. Max Bauer, Park Naturalist

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

* AVERAGE DURATION OF ACTIVITY.

** THIS COLUMN REPRESENTS VISITOR PARTICIPATION HOURS. THE FIGURE IS OBTAINED BY MULTIPLYING THE VISITOR ATTENDANCE BY THE AVERAGE DURATION OF THE CONTACT; I.E., THE AVERAGE TIME DEVOTED TO THE TRIP, LECTURE, MUSEUM VISIT, OR USE OF INTERPRETIVE STATIONS.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

YELLOWSTONE NATIONAL PARK

REPORT OF THE NATURALIST DEPARTMENT
FOR
JUNE 1941

General:

June was the month of the opening of the museums and getting the ranger naturalists on their stations. Although Old Faithful Museum was open May 10, the Mammoth Museum was open on the first of June, and other museums were opened as indicated under Museums.

Pre-season activities were entered into whole heartedly by the rangers and naturalists staffs and this year we had an attendance of 42 which included many temporary rangers. We also had the assistance of from two to four of the ranger staff in giving the educational program which lasted for three days.

All ranger naturalists were on duty by the 15th of June except one man which came on the 23rd of June.

Administration:

Special activities, conferences:

No special conferences beyond the regular routine were undertaken during June.

Investigations of new park areas or boundary changes:

Nothing to report.

Master Plan studies, plan and project review:

It is proposed to have Assistant Park Naturalist Long prepare a museum prospectus for the Master Plan. Much of this work will be undertaken this summer.

Personnel, labor:

Park Naturalist Bauer was on duty all month with the exception of 2-1/2 hours of annual leave on June 19.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

YELLOWSTONE NATIONAL PARK

REPORT OF THE NATURALIST DEPARTMENT
FOR
JUNE 1941

General:

June was the month of the opening of the seasons and setting the ranger naturalists on their stations. Although Old Faithful Museum was open May 10, the Mammoth Museum was open on the first of June, but other museums were opened as indicated under Museums.

Preservation activities were ordered into whole heartedly by the rangers and naturalists staffs and this year we had an attendance of 12 which included many temporary rangers. We also had the assistance of Free Wee to four of the ranger staff in giving the educational program which lasted for three days.

All ranger naturalists were on duty by the 15th of June except one man which came on the 23rd of June.

Administration:

Special activities, conferences:

No special conferences beyond the regular routine were encountered during June.

Investigations of new park areas or boundary changes:

Nothing to report.

Master Plan studies, plan and project reviews:

It is proposed to have assistant Park Naturalist Long prepare a museum prospectus for the Master Plan. Much of this work will be undertaken this summer.

Personnel, leaves:

Park Naturalist Dozier was on duty all month with the exception of 4-1/2 years of annual leave on June 19.

Assistant Park Naturalist Condon was on duty all month.

Assistant Park Naturalist Long was on duty all month.

Clerk LeRoy Van Cott was on duty allmonth.

Mr. Robert Campbell was employed by the Yellowstone Library and Museum Association as a librarian beginning June 16.

CCC enrollees Earnest Ruggerio and Robert Waugh quit work on June 10 to return to their homes. No other enrollees have been used during the month.

Laborers Jim Brown and George Chaffae worked from June 2 to June 7 cleaning the museums and quarters.

Don Bryan reported as museum caretaker for the Mammoth Museum on June 2.

Doyle Smith reported as museum caretaker for the Fishing Bridge Museum on June 12.

Robert Root reported as museum caretaker for the Old Faithful Museum on June 11.

Anna May Scott is working as an artist on drawings or paintings of the Yellowstone Canyon history. She is being paid by Yellowstone Library and Museum Association funds.

Sidney Barsky, Historical Fellow, arrived in the Park on June 11 and is working on the Fellowship offered by the Yellowstone Library and Museum Association. T he title of his work is "Aboriginal Use of Yellowstone Park Lands."

Maintenance, New Construction and Improvements (Exclusive of Museum Projects:

Nothing to report.

Interpretation

Lectures, Guide Service, and Interpretive Contacts:

The regular lecture and guide service was begun at Mammoth and all other points on June 15. The Mammoth, Old Faithful, and Norris Museums were opened throughout the month.

Assistant Park Naturalist Lindsay was on duty all month.

Assistant Park Naturalist Long was on duty all month.

Clark Lake-The Gate was on duty all month.

Mr. Robert Campbell was employed by the Yellowstone Library and Museum Association as a librarian beginning June 16.

CCC enrollees Harvey Haggerty and Robert Tangy quit work on June 12 to return to their homes. No other enrollees have been paid during the month.

Laborers Jim Brown and George Coffin worked from June 1 to June 7 clearing the museum and quarters.

Don Bryan reported as museum assistant for the Mammoth Museum on June 2.

Doyle Smith reported as museum assistant for the Fishing Bridge Museum on June 12.

Robert Hunt reported as museum assistant for the Old Faithful Museum on June 11.

Anne May Scott is working as an artist on drawings or paintings of the Yellowstone Geyser Library. She is being paid by Yellowstone Library and Museum Association funds.

Sidney Barsky, Historical Sailor, arrived in the Park on June 11 and is working on the Yellowstone effort by the Yellowstone Library and Museum Association. The state of the work is "Historical Use of Yellowstone Park Lands."

Maintenance, New Construction and Improvements (Inventory of Museum Projects)

Nothing to report.

Interpretation

Lectures, Guide Service, and Interpretive Contacts

The regular lecture and guide service was begun at Mammoth and all other points on June 15. The Mammoth, Old Faithful, and Norris Museum were opened throughout the month.

Pre-season training trip for Yellowstone National Park seasonal rangers
and ranger naturalists

Near Nez Perce Creek

Photo by Condon
June 12, 1941

Public Relations, new or unusual activities:

Nothing to report.

Lectures outside of the Park or other extension services.

Nothing to report.

Nature Notes:

The May-June issue of Nature Notes was completed and mailed to 711 persons on June 20.

Ranger Naturalists:

The following ranger naturalists reported for work on the days as shown:

Harry Bauer	June 23
Samuel Beal	June 11
Lowell Biddulph	May 31
Fred Bieberdorf	June 14
Howard Brady	May 31
Joseph Catmull	June 14
Willis Eggler	June 16
Samuel Ellison	May 31
John Lang	June 11
Herbert Lystrup	June 2
John McMillan	June 10
George Marler	May 9
Arthur Nash	June 11
Franklin Potter	June 14
Wayne Replogle	June 14
Harodl Richardson	May 31
Homer Smith	June 15
Lowell Stagner	June 11
John Thompson	June 10
Harry Truman	June 10
Daniel Turner	June 11
Harry Woodward	June 13

Radio Broadcasts:

Nothing to report

Public Relations, use of personal activities:

Nothing to report.

Lectures outside of the fort or other extension services.

Nothing to report.

Nature Notes:

The Mayfield issue of Nature Notes was [illegible] to 711 persons on June 25.

Ranger Naturalists:

The following ranger naturalists supported the work on the fort as shown:

Harry Hamer	June 23
Samuel Neal	June 11
Lowell Hildreth	May 31
Fred Kirkpatrick	June 11
Howard Pandy	May 31
Joseph Bedwell	June 25
Willis Hyler	June 11
Samuel Gilliam	May 31
John Long	June 11
Herbert Spotter	June 9
John Hamilton	June 11
George Harler	May 9
Arthur Hart	June 11
Franklin Potter	June 11
Wayne Wrigley	June 11
Harold Richardson	May 31
Homer Smith	June 13
Lowell Wagner	June 11
John Thompson	June 11
Harry Truman	June 11
Daniel Turner	June 11
Harry Woodward	June 11

Radio Presentation:

Nothing to report

Museum Activities and Exhibits:

Old Faithful Museum was open each day throughout the month. Mammoth Museum was opened on June 1 and remained open from 8:00 a.m. to 8:00 p.m. each day throughout the month. Norris Museum was open on June 2 and remained open each day throughout the month from 8:00 a.m. to 5:00 p.m. Madison Junction Museum was open on June 15 from 8:00 a.m. to 5:00 p.m. each day of the month. Fishing Bridge Museum was open on June 15 at 8:00 a.m. through 8:00 p.m. all month.

A general cleaning was given to the Mammoth Museum. Also to Old Faithful, Madison Junction, Norris Museums, and the work was begun at Fishing Bridge Museum but not completed.

Progress of exhibit plans and projects:

Some printing of labels and painting of case bases was done during the month in the Mammoth Museum.

Research and Observations: Staff projects

Very little time was found during the month to devote to research work so that no advance in this work is reported.

Research and Observations: Unusual and significant observations: Thermal Activity:

Perhaps the most unusual item to report is that the Giant Geyser did not erupt either in May or June.

Research and Observation: Cooperative projects - studies carried on by or with the aid of other agencies:

There were no cooperative projects in the Park under way during the month although Dr. Read of the National Museum and Dr. Wilcox of Wisconsin University are working on reports of research already accomplished.

Library activities:

Books in circulation.	24
Books received during June.	18
Indefinite loan of books.	4
Pamphlets received in June.	16
Magazines received in June.	17

Museum Activities and Exhibits.

Old Philippine Museum was open each day throughout the month. Museum Museum was opened on June 1 and remained open from 9:00 a.m. to 6:00 p.m. each day throughout the month. Tuesday Museum was open on June 5 and remained open each day throughout the month from 9:00 a.m. to 5:00 p.m. Madison Junction Museum was open on June 17 from 8:00 a.m. to 5:00 p.m. each day of the month. Fishing Cottage Museum was open on June 19 at 8:00 a.m. through 5:00 p.m. all month.

A general clothing was given to the Museum Museum. Also to Old Philippine, Madison Junction, Tuesday Museum, and the work was done at Fishing Cottage Museum had not completed.

Progress of exhibit plans and projects:

Some printing of labels and painting of wire boxes was done during the month in the Museum Museum.

Research and Observations: Staff projects

Very little time was found during the month to devote to research work so that no advance in this work is reported.

Research and Observations: Thermal and Significant Observations: Thermal Activity:

Perhaps the most unusual item to report is that the Daily Report did not arrive further in May or June.

Research and Observations: Cooperative projects - Studies carried on by us with the aid of other agencies:

There were no cooperative projects in the Park under way during the month although the head of the National Museum and Dr. Wilson of Kansas's University are working on reports of research already accomplished.

Library activities:

Books in circulation.	20
Books received during June.	12
Indefinite loan of books.	4
Pamphlets received in June.	14
Pamphlets received in June.	17

Water Ouzel at nest after feeding young - near Pebble Creek Campground, Yellowstone National Park

Photo by Long
June 28, 1941

Newspaper Clippings:

Some filing of newspaper clippings has been done during the month.

Natural History Association Activities:

The Fellowship being offered by the Yellowstone Library and Museum Association is being filled by Sidney Barskey.

Photographic and Other Visual Aids:

2200 feet of film were loaned to the Wyoming Department of Commerce in May and were used until the latter part of June at which time they were returned.

The new Spencer Kodaslide Projector which was ordered arrived during the month.

145 feet of 16 mm kodachrome was exposed during the month and 1 roll of 35 mm kodachrome.

Reports and Memoranda:

Memorandum were issued to ranger naturalists giving instructions concerning work for the coming season.

Use of Park Facilities:

Important or influential visitors:

Woodrow Goodpaster, Curator of Mammals for the Cincinnati Museum, and Carl Maloslavsky, who is a writer for natural history magazines, were in the Park from June 26 to the end of the month. Mr. Hager who is President of the Audubon Society of Ohio was in from the 28th to the end of the month. Professor Fassett, Associate Professor of Botany, from the University of Wisconsin was in on the 25th to the end of the month. Professor W. W. Atwood, President of Clark University, and Professor W. W. Atwood, Junior, Geography Professor at the Clark University were in on the 21st of June.

Director Newton Drury and family were in on June 21 and left on June 22.

Newspaper Clippings:

Some filing of newspaper clippings has been done during the month.

Natural History Association activities:

The Fellowship being offered by the Yellowstone Library and Museum Association is being filled by Sidney Sandoval.

Photographic and Other Visual Aids:

2200 feet of film were borrowed by the Spanish Department of Commerce in May and were used until the latter part of June at which time they were returned.

The new Spanish Commercial Projector which was ordered arrived during the month.

145 feet of 16 mm industries was exposed during the month and 1 roll of 35 mm industries.

Reports and Memoranda:

Memoranda were issued to ranger naturalists giving instructions concerning work for the coming season.

Use of Park Facilities:

Important or Influential Visitors:

Sandrow Headquarter, Director of Manuals for the Washington Museum, and Carl Schlesinger, who is a writer for natural history magazines, were in the Park from June 24 to the end of the month. Mr. Roger who is President of the Anderson Society of Ohio was in from the 25th to the end of the month. Professor Bassett, Associate Professor of Botany, from the University of Wisconsin was in on the 25th to the end of the month. Professor E. W. Howard, President of Clark University, and Professor F. W. Atwood, Junior, Geography Professor at the Clark University were in on the 21st of June.

Director Lawton Drury and family were in on June 21 and left on June 22.

SUPPLEMENTAL

Interpretation

Lectures, Guide Service, and Interpretive Contacts:

After conferences with each of the District Rangers with the Park Naturalist each one of these men carried on a series of group meetings with employees of the Yellowstone Park Company and the other operators. Also the Park Naturalist was able to arrange this year for the first time a guided trip around the loop for the bus drivers of the Yellowstone Park Company. 28 men participated in this two-day trip. Assistant Park Naturalists Condon and Long accompanied these men and gave them the benefit of information on Yellowstone and the regulations concerning the Park.

PROPOSED OUTLINE OF WORK FOR JULY

Due to the large number of visitors and extensive use of the facilities of the museums our work in July will be mainly to take care of the tourists. Numerous educational parties have already advised us that they will be in the Park on certain days. Our main concern will be to to contact them long enough to advise them how to take in the regular activities of the ranger naturalist program.

Respectfully Submitted,

C. Max Bauer,
Park Naturalist.

Director (Russell)
Region II
Bumpus
Museum
CMB:LVC

[illegible]

[illegible]

[illegible] Social Services, and Unemployment [illegible].

After consultation with each of the [illegible] managers and the Park Authorities each one of them was invited to a series of group meetings with employees of the Television Park Company and the other companies. Also the Park Authorities was able to arrange this year for the first time a public day around the [illegible] the top [illegible] of the Television Park Company. [illegible] policy [illegible] in this [illegible] Management and Administrative Staffs [illegible] Television and the regulations governing the Park.

[illegible] [illegible] [illegible] [illegible]

Due to the large number of visitors and activity use of the facilities of the Company our work is duly will be solely to take care of the visitors. Employees attendance during here already [illegible] that they will be in the Park on special days. Our main concern will be to be assured that they manage to carry out the to take in the regular activities of the regular [illegible] [illegible].

Sincerely [illegible],

[illegible]

[illegible]
Park [illegible].

[illegible] [illegible]
[illegible] II
[illegible]
[illegible]
[illegible]

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS

Yellowstone Nat'l Park
Name of Area

SHEET ONE

SHEET ONE

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	2	1	
Temporary	22		

June
Month
1941
Year

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
Auto Caravans	47	1482	85"	2095
Hiking Trips	224	8460	76"	10733
~~Ruins~~ Game Stalks	16	461	1-1/4 hr.	576
* Special Parties	3	217	60"	217
*List other types Total			XXXX	
LECTURES				
Campfire	81	12803	59"	12637
~~Hotel or~~ Lodge	10	554	60"	554
Museum	141	6209	~~60"~~ 15"	1547
~~Outside of Park~~ Bear Talk	14	10396	20 min.	3465
Special**	43	1342	34"	748
**Includes all other types Total			XXXX	
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station Mammoth Museum		17006	17"	4818
Norris Museum		8052	15"	2013
Madison Museum		8321	15"	2080
Old Faithful Museum		28747	3"	1437
Fishing Bridge Museum		7410	30"	3705
Old Faithful Cone Court	218	57495	10"	9582
List by name and type			XXXX	
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
Beaver Field Exhibit		3200	5"	266
Obsidian Cliff Exhibit		1800	5"	150
Nymph Lake Exhibit		1000	5"	83
Tuff Cliff Exhibit		500	5"	41
List by name and type			XXXX	

BROADCASTS

Station	Subject

Total Contacts See Sheet Two for totals
Total V.P.H. See Sheet Two for totals
Total Visitors See Sheet Two for Totals

Name
Title C. Max Bauer, Park Naturalist

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

* AVERAGE DURATION OF ACTIVITY.

** THIS COLUMN REPRESENTS VISITOR PARTICIPATION HOURS. THE FIGURE IS OBTAINED BY MULTIPLYING THE VISITOR ATTENDANCE BY THE AVERAGE DURATION OF THE CONTACT; I.E., THE AVERAGE TIME DEVOTED TO THE TRIP, LECTURE, MUSEUM VISIT, OR USE OF INTERPRETIVE STATIONS.

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS

SHEET TWO — Yellowstone National Park (Name of Area) — SHEET TWO

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent			
Temporary			

June (Month) 1941 (Year)

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
Auto Caravans				
Hiking Trips				
Ruins				
*				
*List other types Total	290	10620	XXXX	13621
LECTURES				
Campfire				
Hotel or Lodge				
Museum				
Outside of Park				
Special**				
**Includes all other types Total	289	31304	XXXX	18951
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station Old Faithful Geys.Bas.		8325	5"	693
West Thumb Geyser Basin Contacts		874	2"	29
Artist Point		5743	1"	95
Grand View		6149	1"	102
Mt. Washburn		1665	5"	138
Tower Falls Observation Platform		3018	1"	50
List by name and type		152805	XXXX	24742
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
Firehole Canyon Exhibit		2400	5"	200
List by name and type		8900	XXXX	740

BROADCASTS

Station	Subject

Total Contacts ~~203629~~ 203629
Total V.P.H. 58,054
Total Visitors 96,202

Name
Title C. Max Bauer, Park Naturalist.

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

* AVERAGE DURATION OF ACTIVITY.

** THIS COLUMN REPRESENTS VISITOR PARTICIPATION HOURS. THE FIGURE IS OBTAINED BY MULTIPLYING THE VISITOR ATTENDANCE BY THE AVERAGE DURATION OF THE CONTACT; I.E., THE AVERAGE TIME DEVOTED TO THE TRIP, LECTURE, MUSEUM VISIT, OR USE OF INTERPRETIVE STATIONS.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DEPARTMENT

FOR

JULY 1941

General:

The month of July was the busiest we have experienced here in Yellowstone Park, not only because of the large number of visitors which for several days exceeded all previous records, but the special visitors were numerous and a large number in attendance at the naturalist activities required doubling up on many of the nature walks and other guided trips.

The Park Naturalist and his assistants audited many of the programs and also assisted in giving some of the lectures and walks.

The full staff of 22 ranger naturalists were on duty all month.

Administration:

Special activities, conferences:

There were no special conferences held during the month but regularly each week we were able to get the permanent staff together to exchange ideas and discuss the needs of the Service.

Investigations of new park areas or boundary changes:

Nothing to report.

Master Plan studies, plan and project review:

Nothing to report.

Personnel, labor:

Park Naturalist Bauer was on duty all month.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DEPARTMENT

FOR

JULY 1941

General:

The month of July was the busiest we have experienced here in Yellowstone Park, not only because of the large number of visitors which for several days exceeded all previous records, but the special visitors were numerous and a large number in attendance at the naturalist activities required doubling up on many of the nature walks and other guided trips.

The Park Naturalist and his assistants audited many of the programs and also assisted in giving some of the lectures and walks.

The full staff of 22 ranger naturalists were on duty all month.

Administration:

Special activities, conferences:

There were no special conferences held during the month but regularly each week we were able to get the permanent staff together to exchange items and discuss the needs of the Service.

Investigations of new park areas or boundary changes:

Nothing to report.

Master Plan studies, plan and project review:

Nothing to report.

Personnel, labor:

Park Naturalist Dwyer was on duty all month.

Assistant Park Naturalist Condon was on duty all month.

Assistant Park Naturalist Long was on duty all month.

Clerk LeRoy Van Cott was on duty all month except two hours of annual leave on July 24.

Don Bryan, the laborer assigned to the headquarters museum was on duty all month up to July 28 when he left the service at his own request in order to take a higher paid job in Arizona.

Doyle Smith, caretaker of the Fishing Bridge Museum was on duty all month.

Robert Root, laborer assigned to the janitorial work at the Old Faithful Museum was on duty all month.

Dean Boshard was hired on July 28 to carry on as caretaker for the Headquarters Museum.

Robert Campbell employed as librarian for the Yellowstone Library and Museum Association was on duty all month.

Anna Maie Scott continued her work through the month up to the close of July 29 as artist for the Yellowstone Library and Museum Association.

Sidney Barsky, Fellow in History, for the Yellowstone Library and Museum Association continued his work on the Aboriginal Use of Yellowstone Park Lands up to the 24th of July at which time he expected to take another job with the Yellowstone Park Company.

Maintenance, New Construction and Improvements (Exclusive of Museum Projects:

Nothing to report.

Interpretation:

Lectures, Guide Service, and Interpretive Contacts:

The regular lecture and guide service carried on by the ranger naturalists through the month is further indicated in the statistics which are attached to this report. There has been some modification of the methods of handling some of the camp fires and guided trips but these are of minor importance and will be described in the general report at the close of the season.

Assistant Park Naturalist Sumner was on duty all month.

Assistant Park Naturalist Long was on duty all month.

Clark Lahey Van Cort was on duty all month except two hours of annual leave on July 25.

Jim Bryan, the laborer assigned to the headquarters museum was on duty all month up to July 28 when he left the service at his own request in order to take a higher paid job in Arizona.

Doyle Smith, caretaker of the Fishing Bridge Museum was on duty all month.

Robert Root, laborer assigned to the Industrial Work at the Old Faithful Museum was on duty all month.

Dean Tuckert was hired on July 28 to carry on as caretaker for the Headquarters Museum.

Robert Campbell employed as librarian for the Yellowstone Library and Museum Association was on duty all month.

Anna Dale Scott continued her work through the month up to the close of July 25 as artist for the Yellowstone Library and Museum Association.

Sidney Hardy, Fellow in History, for the Yellowstone Library and Museum Association continued his work on the Aboriginal Fire of Yellowstone Park Lands up to the close of July at which time he expected to take another job with the Yellowstone Park Company.

Maintenance, New Construction and Improvements (Inclusive of Museum Projects):

Building to report.

Interpretation:

Lectures, Guide Service, and Interpretive Contacts.

The regular lecture and guide service carried on by the Ranger naturalists through the month is further indicated in the statistics which are attached to this report. There has been some modification of the methods of handling some of the camp fires and guided trips but these are of minor importance and will be described in the annual report at the close of the season.

Ranger Naturalist Harry Woodward leading a party over the Observation Trail at Old Faithful in Yellowstone National Park
July 1941

Photo by Condon

There were no lectures by any of the Park personnel outside of the park during the month.

Public Relations, new or unusual activities:

Nothing to report.

Lectures outside of the Park or other extension services:

Nothing to report.

Nature Notes:

The July-August issue of Nature Notes was edited and stencilled, also illustrations were made, and the publication was partly run by the close of the month. It will be mailed out the first part of August.

Ranger Naturalists:

All ranger naturalists listed in the June report continued throughout the month of July.

On July 23 Ranger Naturalist Daniel Turner was transferred to Mt. Washburn and Ranger Naturalist John Lang was transferred from Mt. Washburn to Old Faithful to take Turner's place.

Radio Broadcasts:

Nothing to report.

Museum Activities and Exhibits:

Mammoth Museum was open from 8:00 a.m. to 8:00 p.m. throughout the month. Norris Museum was open from 8:00 a.m. to 5:00 p.m. Madison Museum was open from 8:00 a.m. to 5:00 p.m. Old Faithful Museum was open from 8:00 a.m. to 9:30 p.m. Fishing Bridge Museum was open from 8:00 a.m. to 8:00 p.m.

Progress of exhibit plans and projects:

The work of Miss Scott consisted of painting five pictures representing the various stages in the development of the Grand Canyon of the Yellowstone. These pictures were landscapes showing first, the period of the great rhyolite flows; second, the first

Theme were on lectures by any of the Park personnel outside of the park during the month.

Public Relations, new or unusual activities:

Nothing to report.

Lectures outside of the Park or other extension services:

Nothing to report.

Nature Notes:

The July-August issue of Nature Notes was edited and [illegible] also illustrations were made, and the publication was [illegible] the close of the month. It will be called [illegible] first part of August.

Ranger Naturalists:

All ranger naturalists listed in the June report continued throughout the month of July.

On July 23 Ranger Naturalist Daniel Turner was transferred to Mt. Washburn and Ranger Naturalist John Lang was transferred from Mt. Washburn to Old Faithful to take Turner's place.

Radio Broadcasts:

Nothing to report.

Museum Activities and Exhibits:

Mammoth Museum was open from 6:30 a.m. to 8:00 p.m. throughout the month. Yearly Museum was open from 8:00 a.m. to 5:00 p.m. Madison Museum was open from 6:30 a.m. to 5:00 p.m. Old Faithful Museum was open from 8:00 a.m. to 9:30 p.m. Fishing Bridge Museum was open from 6:00 a.m. to 8:00 p.m.

Progress of exhibit plans and projects:

The work of Miss Gosty consisted of painting five pictures representing the various phases in the development of the Grand Canyon of the Yellowstone. These pictures were landscapes showing first, the period of the great nipolite flows; second, the first

hot spring basins; third, the development of the first canyon; fourth, the glacial period showing the presence of a lake in the canyon area; and fifth, the present stage.

Research and Observations: Staff projects

No one project was carried forward to any appreciable extent but numerous notes have been taken by members of the Naturalist Staff on wildlife and geological phenomenon.

Park Naturalist Bauer made some field examinations of the Lake region in connection with a study of the possible cause of the depression in which Yellowstone Lake is found.

Research and Observations: Unusual and significant observations: Thermal Activity:

Activity in the Norris Geyser Basin increased considerably during July. Whirligig Geyser which had been dormant for about a year began erupting right after the 4th of July and toward the end of the month was erupting about six times a day during the daylight hours.

The geyser sometimes known as Ebony Geyser but which is actually about one hundred feet north of the old Ebony became active and has been erupting about once each day. Many other springs and small geysers showed increased activity.

The Steamboat Geyser which was almost quiescent during May and June became active and continues to erupt almost constantly.

In the Upper Basin the usual amount of activity has been noted. Daisy, Riverside, Artemesia, Oblong, and Great Fountain show considerable regularity. Cliff Geyser which has not been known to erupt for several years was seen on the 8th, 19th, and the 26th of July with occasional jets going as high as 40 and 50 feet.

Giant Geyser has not been seen in eruption this season. However, Grand Geyser has played at least 16 times with an interval which varies from 18 to 56 hours.

The longest and shortest interval on Old Faithful Geyser came on the same day - July 3 - with the maximum interval of 82 minutes, and the minimum interval of 43 minutes.

but spring boiling; third, the development of the first mammoth fourth, the glacial period showing the presence of a lake in the mammoth areas; and fifth, the present stage.

Research and Observations: Staff projects

No one project was carried forward to any appreciable extent but numerous notes have been taken by members of the Naturalist Staff on wildlife and geological phenomenon.

Park Naturalist Bauer made some field examinations of the lake region in connection with a study of the possible cause of the depression in which Yellowstone Lake is found.

Research and Observations: Thermal and significant observations: Thermal activity:

Activity in the Norris Geyser Basin increased considerably during July. Shirligig Geyser which had been dormant for about a year began erupting right after the 4th of July and toward the end of the month had erupting about six times a day during the daylight hours.

The geyser sometimes known as Shoop Geyser but which is actually about one hundred feet north of the old Shoop Geyser active and has been erupting about once each day. Shoop other springs and small geysers showed increased activity.

The Steamboat Geyser which was almost quiescent during May and June became active and continues to erupt almost constantly.

In the Upper Basin the usual amount of activity has been noted. Daisy, Riverside, Artemisia, Chiang, and Great Fountain show considerable regularity. Cliff Geyser which has not been known to erupt for several years was seen on the 9th, 10th, and the 20th of July with occasional jets going as high as 40 and 50 feet.

Giant Geyser has not been seen in eruption this season. However, Grand Geyser has played at least 16 times with an interval which varies from 18 to 30 hours.

The longest and shortest interval of the Fairhaven Geyser came on the same day - July 3 - with the maximum interval of 60 minutes, and the minimum interval of 15 minutes.

Young cormorants on nest and gulls in the distance Molly Island
Yellowstone National Park

Photo by Condon
July 5, 1941

Research and Observation: Cooperative projects - studies carried on by or with the aid of other agencies:

Nothing to report.

Library Activities:

Librarian Robert Campbell completed the accessioning of books received during the last season and prepared catalogue cards for the same. He also took an inventory of the library and is now working on the books in the locked cases.

The library stiatistics are as follows:

Books in circulation.	28
Books received during July.	24
Indefinite loan of books.	0
Pamphlets received in July.	7
Magazines received in July.	20

Newspaper Clippings:

No work was done on the filing of newspaper clippings during the month.

Natural History Association Activities:

The work of the Yellowstone Library and Museum Association has been indicated under personnel employed. This Association is also handling the purchasing of books, maps, and pamphlets for sale over the information desks.

Photographic and other visual aids:

Assistant Park Naturalist Condon has edited and spliced six reels of kodachrome movies amounting to approximately 6,000 feet of film which is now in order and ready for use.

About 56 pictures were received during the month for filing.

3 rolls of 16 mm kodachrome movies were processed during the month.

Reports and Memoranda:

Several memoranda were issued to the ranger naturalists on instructions concerning their work.

Research and Observation: Corporation projects - visitors were filed on by or with the aid of other agencies.

Nothing to report.

Library activities:

Librarian Robert Campbell completed the accessioning of books received during the last season and prepared catalogue cards for the same. He also took an inventory of the library and is now working on the books in the locked cases.

The library statistics are as follows:

Books in circulation.	[illegible]
Books received during July.	[illegible]
Indefinite loan of books.	[illegible]
Pamphlets received in July.	7
Magazines received in July.	20

Newspaper Clippings:

No work was done on the filing of newspaper clippings during the month.

Natural History Association Activities:

The work of the Yellowstone Library and Museum Association has been indicated under personnel employed. This Association is also handling the purchasing of books, maps, and pamphlets for sale over the information desks.

Photographic and other visual aids:

Assistant Park Naturalist Fowler has edited and spliced six reels of Rodenbrunn movies amounting to approximately 6,000 feet of film which is now in order and ready for use.

About 96 pictures were received during the month for filing.

5 reels of 16 mm Rodenbrunn movies were purchased during the month.

Reports and Resources:

Several memoranda were issued to the Ranger Naturalists on Instructions concerning their work.

Use of Park Facilities:

Important or influential visitors:

Chief of the Museum Division Ned Burns and family came in the Park on Sunday, July 6 and left on Wednesday, July 9.

Mr. John Henry Coon, National Lecturer, came in the Park on July 18 and left on July 29.

Mr. Dodd and Mr. Broadbend of the Budget Bureau were in on the 29th and out on the 31st.

Numerous other persons and special guests having letters of introduction were contacted in the Park by the permanent and the temporary men and many of these were given special attention out of the Superintendent's office.

SUPPLEMENTAL

Interpretation:

Lectures, Guide Service, and Interpretive Contacts:

Many of the new bus drivers have been accompanied around the loop road by our Assistant Park Naturalists. Three groups of new drivers from 10 to 21 in number were given instruction for two day periods by Messrs. Condon and Long. This training of the companies' employees is very important to the success of our educational program since there is perhaps no group of employees who have a better opportunity to answer questions on the Park than the bus drivers unless it be the ranger naturalists.

PROPOSED OUTLINE OF WORK FOR AUGUST

During August it is planned to carry on the public contact and interpretational work about as we have been doing in July.

The Park Naturalist has been asked to meet the Supervisor of the Branch of Interpretation and take him through the Park and to the Grand Teton National Park on August 9th.

A census of the Trumpeter Swan in Yellowstone Park will be undertaken on August 15 and 16th and in this work the Naturalist Depart-

Use of Park Facilities:

Important or influential visitors:

Chief of the Bureau Division Red Horse and family were in the Park on Sunday, July 6 and left on Wednesday, July 9.

Mr. John Henry Cone, National Lecturer, came on the Park on July 18 and left on July 20.

Mr. Dodd and Mr. Broadhead of the Chapel Dorman were in on the Park and out on the Plat.

Numerous other persons and special guests having lectures of introduction were unmanned in the Park by the permanent and the temporary men and many of these were given special attention and of the Superintendent's office.

SUPERINTENDENT

Interpretation:

Lectures, Guide Service, and Interpretive Contacts:

Many of the new bus drivers were been accompanied around the loop road by our assistant Park Naturalists. Three groups of new drivers from 10 to 21 in number were given instruction for two day periods by Messrs. Brooks and Long. This breaking of the companies' employees is very important to the success of our educational program since there is perhaps no group of employees who have a better opportunity to answer questions on the Park than the bus drivers unless it be the ranger naturalists.

PROPOSED CHANGE OF BUSH FOR AUGUST

During August it is planned to carry on the public contact and interpretational work about as we have been doing in July.

The Park Naturalist has been asked to meet the Superintendent of the Branch of Interpretation and take his through the Park and to the Grand Teton National Park on August 7th.

A summer of the Trumpeter Swan in Yellowstone Park will be undertaken on August 13 and 14th and in this work the Naturalist Reports

Pod of young pelicans on Molly Island Yellowstone National Park

Photo by Condon
July 5, 1941

ment will cooperate, furnishing at least three men to assist in taking the census.

Respectfully submitted,

C. Max Bauer

C. Max Bauer,
Park Naturalist.

Director (Russell)
Region II
Bumpus
Museum
CMB:LVC

museum

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS IN SCENIC OR SCIENTIFIC AREAS

Yellowstone National Park

Name of Area

SHEET ONE

SHEET ONE

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	2	1	
Temporary	22		

July
Month
1941
Year

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
Auto Caravans	93	4,439	79"	5,841
Hiking Trips	530	38,438	71"	45,757
~~Buiner~~ Game Stalks	31	1,466	75"	1,832
* Special Parties	4	111	89"	164
*List other types Total			XXXX	
LECTURES				
Campfire	154	55,428	59"	54,750
~~Hotel or~~ Lodge	31	3,728	60"	3,728
Museum	446	36,244	10"	6,084
~~Outside of Park~~ Bear Talk	82	61,306	15"	15,326
Special**	195	6,743	16"	1,869
**Includes all other types Total			XXXX	
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station Mammoth Museum		42,225	17"	11,963
Norris Museum		37,341	10"	6,224
Madison Museum		11,702	10"	1,950
Old Faithful Museum		83,560	3"	4,178
Fishing Bridge Museum		26,225	20"	8,742
Old Faithful Cone Count	375	153,690	10"	25,615
List by name and type			XXXX	
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
Beaver Field Exhibit		50,000	5"	4,166
Obsidian Cliff Exhibit		32,000	5"	2,666
Nymph Lake Exhibit		18,000	5"	1,500
Tuff Cliff Exhibit		8,000	5"	666
List by name and type			XXXX	

BROADCASTS

Station	Subject

Total Contacts See Sheet Two for totals
Total V.P.H. See Sheet Two for totals
Total Visitors See Sheet Two for totals

Name
Title C. Max Bauer, Park Naturalist

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

* AVERAGE DURATION OF ACTIVITY.

** THIS COLUMN REPRESENTS VISITOR PARTICIPATION HOURS. THE FIGURE IS OBTAINED BY MULTIPLYING THE VISITOR ATTENDANCE BY THE AVERAGE DURATION OF THE CONTACT; I.E., THE AVERAGE TIME DEVOTED TO THE TRIP, LECTURE, MUSEUM VISIT, OR USE OF INTERPRETIVE STATIONS.

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS

Yellowstone National Park
Name of Area

SHEET TWO

SHEET TWO

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent			
Temporary			

Month

Year

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
Auto Caravans				
Hiking Trips				
Ruins				
*				
*List other types Total	658	44,454	XXXX	53,594
LECTURES				
Campfire				
Hotel or Lodge				
Museum				
Outside of Park				
Special**	908	163,449		81,757
**Includes all other types Total			XXXX	
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station Old Faithful Geys.Bas.		23,588	5"	1,966
West Thumb Geyser Basin Contacts		2,786	2"	93
Artist Point		20,003	1"	333
Grand View and Lookout Point		15,535	1"	258
Mt. Washburn		11,627	8"	1,550
Tower Falls Observation Platform		10,642	1"	177
List by name and type	375	438,924	XXXX	63,049
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
Firehole Canyon Exhibit		30,000	5"	2,500
		138,000		11,498
List by name and type			XXXX	

BROADCASTS

Station	Subject

Total Contacts 784,827
Total V.P.H. 209,898
Total Visitors 194,611

Name
Title C. Max Bauer, Park Naturalist

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

* AVERAGE DURATION OF ACTIVITY.

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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DEPARTMENT

FOR

AUGUST 1941

General:

Attendance in the Park continued through August exceeding all other August attendance. Furthermore, the rains which came in showers nearly every day interferred with a large number of camp fire programs. Quite often the rains would come in the early evening in time to stop a program or to make the amphitheatre so wet that very few people cared to sit on the logs.

The Staff audited many programs and took part in a number of camp-fire programs and nature walks.

Administration:

Special activities, conferences:

The Park Naturalist attended a conference of the department heads on August 7.

Investigations of new park areas or boundary changes:

Nothing to report.

Master Plan studies, plan and project review:

Nothing to report.

Personnel, labor:

Park Naturalist Bauer was on duty all month.

Assistant Park Naturalist Condon was on duty all month.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DEPARTMENT

FOR

AUGUST 1941

General:

Attendance in the Park continued through August exceeding all other August attendance. Furthermore, the rains which came to showers nearly every day interferred with a large number of camp fire programs. Quite often the rains would come in the early evening in time to stop a program or to make the amphitheatre so wet that very few people cared to sit on the logs.

The Staff audited many programs and took part in a number of camp-fire programs and nature walks.

Administration:

Special activities, conferences:

The Park Naturalist attended a conference of the Department heads on August 7.

Investigations of new park areas or boundary changes:

Nothing to report.

Master Plan studies, plan and project review:

Nothing to report.

Personnel, labor:

Park Naturalist Dauer was on duty all month.

Assistant Park Naturalist Condon was on duty all month.

Assistant Park Naturalist Long was on duty all month.

Clerk LeRoy Van Cott was on duty all month except two hours on August 22.

No CCC enrollees were available for the Naturalist Department during the month.

Dean Boshard, hired the last few days of July, continued to carry on the janitor work in the Headquarters Museum.

Doyle Smith, laborer at Fishing Bridge Museum, carried on the work there with one day of annual leave on August 14.

Robert Root, laborer, assigned to janitor work at the Old Faithful Museum, carried on this work all month.

Robert Campbell employed as librarian for the Yellowstone Library and Museum Association was on duty all month.

Sidney Barsky, fellow in history for the Yellowstone Library and Museum Association, completed his library work but remained in the vicinity during the month.

Maintenance, New Construction and Improvements (Exclusive of Museum Projects:

Nothing to report.

Interpretation:

Lectures, Guide Service, and Interpretive Contacts:

The regular lecture and guide service carried on by the ranger-naturalists throughout the month was augmented by special lectures by the Park Naturalist and the assistant Park Naturalists and are contained in the statistics which are attached to this report.

The Park Naturalist also gave a talk to 320 people attending the American Institute of Electrical Engineers in the Canyon Hotel.

No lectures were given outside the Park during the month.

Public Relations, new or unusual activities:

Nothing to report.

Assistant Park Naturalist Long was on duty all month.

Clara LeRoy Van Dott was on duty all month except two hours on August 22.

No CCC enrollees were available for the Naturalist Department during the month.

Dean Seabard, hired the first few days of July, continued to carry on the janitor work in the Headquarters Museum.

Doyle Smith, laborer at Fishing Bridge Museum, carried on the work there with one day of annual leave on August 11.

Robert Root, laborer, assigned to janitor work at the OLD Faithful Museum, carried on this work all month.

Robert Campbell employed as librarian for the Yellowstone Library and Museum Association was on duty all month.

Sidney Barsky, fellow in history for the Yellowstone Library and Museum Association, completed his library work but remained in the vicinity during the month.

Maintenance, New Construction and Improvements (Exclusive of Museum Projects:

Nothing to report.

Interpretation:

Lectures, Guide Service, and Interpretive Contacts:

The regular lecture and guide service carried on by the ranger-naturalists throughout the month was augmented by special lectures by the Park Naturalist and the assistant Park Naturalists and are contained in the statistics which are attached to this report.

The Park Naturalist also gave a talk to 300 people attending the American Institute of Electrical Engineers in the Canyon Hotel.

No lectures were given outside the Park during the month.

Public Relations, new or unusual activities:

Nothing to report.

Skeleton of an Indian, Dog bones and some artifacts recovered August 26, 1941 from a gravesite in the [illegible] Bridge tourist cabin area. Yellowstone National Park
Photo by [illegible].

Bones of two dogs taken from the Indian gravesite — August 26, 1941. Yellowstone National Park
Photo by [illegible].

Lectures outside of the Park or other extension service:

Nothing to report.

Nature Notes:

The July-August issue of Nature~~s~~ notes was completed and mailed on August 4. The mailing list at this time contained 795 names.

Ranger Naturalists:

There is nothing of special importance to report on the work of the ranger naturalists. They have all been very busy and without exception carried on their work in a very efficient manner.

Radio Broadcasts:

Nothing to report.

Museum Activities and Exhibits:

The museums were all open throughout the month the same hours as indicated for July.

Progress of Exhibit Plans and Projects:

Assistant Park Naturalist Long placed a chart in one of the exhibits at Norris Museum and did some repair work on the large model relief map at the Fishing Bridge Museum. Several other exhibits were cleaned and arranged properly.

Research and Observation: Staff projects:

Because of the heavy travel very little research work was undertaken. The Park Naturalist began the preparations of an interpretive statement for Yellowstone Park and spent about a day and a half on this project.

Research and Observation: Unusual and significant observations: Thermal Activity:

Blue Spring in the Mammoth area receded considerable for the first part of the month and gradually filled up toward the end of the month. Other springs in the Mammoth Hot Springs area were about the same as usual.

Lectures outside of the park or other extension programs:

Nothing to report.

Nature Notes:

The July-August issue of Nature was completed and mailed on August 1. The mailing list at this time contained 200 names.

Ranger Naturalists:

There is nothing of special importance to report on the work of the ranger naturalists. They have all been very busy and without exception carried on their work in a very efficient manner.

Radio Broadcasts:

Nothing to report.

Museum Activities and Exhibits:

The museums were all open throughout the month the same hours as indicated for July.

Progress of Exhibit Plans and Projects:

Assistant Park Naturalist Long placed a short in one of the exhibits at Morris Museum and did some repair work on the large model relief map at the Fledling Bridge Museum. Several other exhibits were cleaned and arranged properly.

Research and Observation: Exhibit projects:

Because of the heavy travel very little research work can undertaken. The Park Naturalist began the preparation of an interpretive statement for Yellowstone Park and spent about a day and a half on this project.

Research and Observation: General and significant observations: Thermal activity:

Five Springs in the Mammoth area resumed considerable for the first part of the month and gradually filled up toward the end of the month. Other springs in the Mammoth Hot Springs area were about the same as usual.

There is nothing special to reprt on the geysers in general except that Giant Geyser has not erupted so far this season.

Research and Observation: Cooperative projects - studies carried on by or with the aid of other agencies:

Professor George Riggs of the University of Washington spent several days studying the plants of a bog near Mary Bay.

Library Activities:

Librarian Robert Campbell completed the cataloguing of the books in the locked cases and spent the rest of the month indexing the Superintendents' Annual Reports of Yellowstone Park.

The library statistics are as follows:

Books in circulation.	13
Books received during August. . . .	8
Indefinite loan of books.	1
Pamphlets received in August. . . .	10
Magazines received in August. . . .	18

Newspaper Clippings:

No work was done on the filing of newspaper clippings during the month.

Natural History Association Activities:

The Yellowstone Library and Museum Association continued the work of handling and selling the sales publications.

Photographic and other visual aids:

Several movie reels were loaned to the Yellowstone Park Company for showing at their recreation hall on Sunday evening. Also Assistant Park Naturalist Condon gave a lecture there on August 24. Ranger Naturalist John Thompson lectures in the recreation hall on August 31.

Assistant Naturalist Condon devoted 20 hours during the month to photograph and negative files work. He exposed 200 feet of Kodachrome movie film and one roll of size 616 and one film pack size 4 x 5. No work was done in the darkroom during the month.

There is nothing special to report on the payment of general except that Grand Canyon has not accepted so far this season.

Research and Observation: Comparative projects - studies carried on by or with the aid of other agencies:

Professor George Higgs of the University of Washington spent several days studying the plants of a big sheep Bay.

Library activities:

Librarian Robert Campbell completed the cataloging of the books in the loaded cases and spent the rest of the month indexing the Superintendents' Annual Reports of Yellowstone Park.

The library statistics are as follows:

Books in circulation.	11
Books received during August. . . .	8
Indefinite loan of books.	3
Pamphlets received in August. . . .	10
Magazines received in August. . . .	15

Newspaper Clippings:

No work was done on the filing of newspaper clippings during the month.

Natural History Association Activities:

The Yellowstone Library and Museum Association continued the work of handling and selling the sales publications.

Photographic and other visual tools:

Several movie reels were loaned to the Yellowstone Park Ranger, for showing at their recreation hall on Sunday evening. Also Assistant Park Naturalist Condon gave a lecture there on August 24. Ranger "Naturalist John Thompson lectures to the recreation hall on August 31.

Assistant Naturalist Condon devoted 50 hours during the month to photograph and negative film work. He exposed 200 feet of sub-chrome movie film and one roll of wine 616 and one film pack wire 4 x 5. No work was done in the darkroom during the month.

Arrowheads, drill, knives, scraper and [illegible] recovered from the Indian [illegible], [illegible] Yellowstone National Park. [illegible]

Flakes of obsidian and flint recovered from the Indian [illegible], August 2[illegible] 19[illegible]. [illegible]

Reports and Memoranda:

Memoranda were issued to the ranger naturalists during the month concerning their work.

Use of Park Facilities:

Important or influential visitors:

Dr. Carl P. Russell was in the Park on the 9th of August and went out the same day to Grand Teton National Park. Mr. John Doerr came in on the 20th and remained until the 23rd when he went to Grand Teton National Park. Mr. W. L. Finley, a prominent conservationist of Oregon, visited the museums and the office several times during the last week in August. Mr. and Mrs. Edmund Abraham of Savannah, Georgia, who is now Chairman of the Advisory Board on National Parks, came in on August 27 and remained until the 30th when he was taken to Grand Teton National Park. Mr. A. E. Demaray, Associate Director of the National Park Service, visited the Park on August 29 and remained until the 3nd of the month and is still in the Park on September 2. Daniel Beard, Wildlife Technician from Region II, spent the last two weeks of the month in the Park. Dr. Adolph Murie of the National Park Section on Wildlife was in the Park on the 21st.

SUPPLEMENTAL

On August 15 and 16 Assistant Park Naturalist Condon and ranger naturalists George Marler, Harry Bauer, and Samuel Beal assisted in a Trumpeter Swan census covering all the lakes believed to be possible sites for swan habitation.

PROPOSED OUTLINE OF WORK FOR SEPTEMBER

Because of the wet season it is believed that there will be an early fall and even now on the second of September we notice that the traffic has dropped considerably and some of our ranger naturalists have been separated from the Service.

The museums will all be closed early in the month with the exception of Old Faithful and Mammoth Museums which will remain open until after the middle of September.

The permanent staff will be busy getting the museums and equipment ready for closing and for the winter season. It is hoped that the weather will be fine so that our kodaslide and movie collection can be augmented this fall, especially of birds and animals.

Reports and Memoranda:

Memoranda were issued to the ranger naturalists during the month concerning their work.

Use of Park Facilities:

Important or influential visitors:

Dr. Carl E. Russell was in the Park on the 24th of August and went out the same day to Grand Teton National Park. Mr. John Beach came in on the 20th and remained until the 23rd when he went to Grand Teton National Park. Mr. W. L. Finlay, a prominent conservationist of Oregon, visited the museum and the office several times during the last week in August. Mr. and Mrs. Edmund Abraham of Savannah, Georgia, who is now Chairman of the Advisory Board on National Parks, came in on August 27 and remained until the 30th when he was taken to Grand Teton National Park. Mr. A. K. Demaray, Associate Director of the National Park Service, visited the Park on August 29 and remained until the end of the month and is still in the Park on September 2. Daniel Beard, Wildlife Technician from Region II, spent the last two weeks of the month in the Park. Dr. Adolph Murie of the National Park Section on Wildlife was in the Park on the 21st.

SUPPLEMENTAL

On August 15 and 16 Assistant Park Naturalist Cannon and ranger naturalists George Bailey, Harry Nader, and Samuel Neal visited in a Trumpeter Swan census covering all the lakes believed to be possible sites for swan habitation.

PROPOSED OUTLINE OF WORK FOR SEPTEMBER

Because of the wet season it is believed that there will be an early fall and even now on the second of September we notice that the traffic has dropped considerably and some of our ranger naturalists have been separated from the Service.

The museums will all be closed early in the month with the exception of Old Faithful and Mammoth museums which will remain open until after the middle of September.

The permanent staff will be busy getting the museums and equipment ready for closing and for the winter season. It is hoped that the weather will be fine so that our Nonbelids and marble collection can be augmented this fall, especially of birds and animals.

Human and other bones were found in a ditch being dug for a water line in the housekeeping cabin area at Fishing bridge on August 26, 1941. The find was investigated and dug out by Assistant Park Naturalist Condon. It proved to be a burial containing almost a complete skeleton of a human being, remanents of two dogs and a number of artifacts. Mr. Condon will prepare a report on the find in September.

The Park Naturalist expects to make further studies on the geology of Lake Yellowstone during the month.

Respectfully, submitted,

C. Max Bauer

C. Max Bauer,
Park Naturalist.

Director (Russell)
Region II
Bumpus
Museum
CMB:LVC

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS

Yellowstone National Park
Name of Area

Number of Persons Engaged in Interpretive Activities — August, 1941

	Technical	Administrative	Other
Permanent	2	1	
Temporary	22		

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
Auto Caravans	61	3,624	90"	4,426
Hiking Trips	510	36,862	89"	44,593
~~Bus~~ Game Stalks	31	1,557	90"	2,335
* Special Parties	1	53	120"	106
*List other types Total			XXXX	
LECTURES				
Campfire	140	39,491	59"	39,132
~~Hotel~~ Lodge	31	4,070	60"	4,070
Museum	436	33,544	10"	6,305
~~Outside Park~~ Bear Talk	73	59,106	15"	14,776
Special**	150	5,224	15"	1,428
**Includes all other types Total			XXXX	
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station Mammoth Museum		38,108	15"	9,527
Norris Museum		35,479	10"	5,913
Madison Museum		15,741	10"	2,623
Old Faithful Museum		78,975	3"	3,949
Fishing Bridge Museum		24,326	20"	8,109
Old Faithful Cone Count	223	146,940	10"	24,490
List by name and type			XXXX	
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
Beaver Field Exhibit		40,000	5"	2,121
Obsidian Cliff Exhibit		10,000	5"	821
Nymph Lake Exhibit		------	--	-----
Tuff Cliff Exhibit		------	--	-----
List by name and type			XXXX	

BROADCASTS

Station	Subject

Total Contacts See Sheet Two for Totals
Total V.P.H. See Sheet Two for Totals
Total Visitors See Sheet Two for Totals

Name C. Max Bauer
Title C. Max Bauer, Park Naturalist

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

* AVERAGE DURATION OF ACTIVITY.

** THIS COLUMN REPRESENTS VISITOR PARTICIPATION HOURS. THE FIGURE IS OBTAINED BY MULTIPLYING THE VISITOR ATTENDANCE BY THE AVERAGE DURATION OF THE CONTACT; I.E., THE AVERAGE TIME DEVOTED TO THE TRIP, LECTURE, MUSEUM VISIT, OR USE OF INTERPRETIVE STATIONS.

There was an over estimate in the figures for July, hence the August figures are reduced to compensate for the season

128897

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS

Yellowstone National Park
Name of Area

Sheet II

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	2	1	
Temporary	22		

August
Month
1941
Year

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
Auto Caravans				
Hiking Trips				
Ruins				
*				
*List other types Total	603	42,096	XXXX	51,460
LECTURES				
Campfire				
Hotel or Lodge				
Museum				
Outside of Park				
Special**				
**Includes all other types Total	830	141,435	XXXX	65,711
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station Old Faithful Geys.Bas.		21,925	5"	1,827
West Thumb Geyser Basin Contacts		3,220	2"	107
Artist Point		19,055	1"	317
Grand View and Lookout Point		12,849	2"	428
Mt. Washburn		9,762	8"	1,301
Tower Falls Observation Platform		23,913	1"	398
List by name and type		430,293	XXXX	58,989
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
Firehole Canyon Exhibit		6,000	5"	500
List by name and type		56,000	XXXX	3,442

BROADCASTS

Station	Subject

Total Contacts 669,824
Total V.P.H. 179,602
Total Visitors 199,578

Name C. Max Bauer
Title C. Max Bauer, Park Naturalist

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

* AVERAGE DURATION OF ACTIVITY.

** THIS COLUMN REPRESENTS VISITOR PARTICIPATION HOURS. THE FIGURE IS OBTAINED BY MULTIPLYING THE VISITOR ATTENDANCE BY THE AVERAGE DURATION OF THE CONTACT; I.E., THE AVERAGE TIME DEVOTED TO THE TRIP, LECTURE, MUSEUM VISIT, OR USE OF INTERPRETIVE STATIONS.

•There was an over estimate in the figures for July, hence the August figures are reduced to compensate for the season.

128897

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DEPARTMENT

FOR

SEPTEMBER 1941

General:

The continuation of wet and cold weather caused a sudden break in the travel shortly after Labor Day, although we expected an increase the following week-end which did not materialize. By the third of September more than one-half of the ranger naturalist force had been released.

Administration:

Park Naturalist Bauer and Assistant Park Naturalist Long made a trip to Devils Tower National Monument and returned by way of Custer Battlefield and National Cemetery, leaving the Park on Saturday, September 13 and returning on Monday night, September 15. The purpose of the trip was to further familiarize the Park Naturalist and Assistant Park Naturalist with these monuments and to assist in some of the administrative problems that came up at that time.

Personnel, labor:

Park Naturalist Bauer was on duty all month except for two days of annual leave, Wednesday, September 10 and Friday, September 26.

Assistant Park Naturalist Condon was on duty all month.

Assistant Park Naturalist Long was on duty all month.

Clerk-Stenographer LeRoy Van Cott was assigned to the Clerical Department on September 3.

On September 3, Mrs. Mervine Neilson was assigned to the Naturalist Department as Clerk-Stenographer. She continued through until the end of the month.

No CCC enrollees were available for the use of the Naturalist Department during the month.

Dean Boshard continued as janitor of the headquarters museum until the close of September 15.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DEPARTMENT

FOR

SEPTEMBER 1944

General:

The continuation of wet and cold weather caused a sudden break in the travel shortly after Labor Day, although we expected an increase the following week-end which did not materialize. By the third of September more than one-half of the ranger naturalist force had been released.

Administration:

Park Naturalist Bauer and Assistant Park Naturalist Long made a trip to Devils Tower National Monument and returned by way of Custer Battlefield and National Cemetery, leaving the Park on Saturday, September 23 and returning on Monday night, September 25. The purpose of the trip was to further familiarize the Park Naturalist and Assistant Park Naturalist with these monuments and to assist in some of the administrative problems that came up at that time.

Personnel, Labor:

Park Naturalist Bauer was on duty all month except for two days of annual leave, Wednesday, September 30 and Friday, September 26.

Assistant Park Naturalist Condon was on duty all month.

Assistant Park Naturalist Long was on duty all month.

Clerk-Stenographer Lahey the first was assigned to the Clerical Department on September 3.

On September 5, Mrs. Bertha Hollow was assigned to the Naturalist Department as Clerk-Stenographer. She continued through until the end of the month.

No CCC enrollees were available for the use of the Naturalist Department during the month.

Dean Rochard continued as janitor of the headquarters museum until the close of September 25.

Robert Root, janitor for the Old Faithful Museum, continued to work until the close of September 3.

Doyle Smith, janitor for the Fishing Bridge Museum, continued to work until the close of September 8.

Robert Campbell, employed as librarian for the Yellowstone Library and Museum Association continued in that capacity until the close of September 23.

Sidney Barsky, Fellow in History for the Yellowstone Library and Museum Association, left early in the month.

SEPARATION DATES FOR RANGER NATURALISTS

Name	Termination of Duty
Harry Woodward	August 15, close of day
Wayne Replogle	August 27, close of day
Willis Eggler	August 28, noon
Herbert Lystrup	August 30, close of day
F. Howard Brady	August 30, close of day
John Lang	August 31, noon
Harry Bauer	Sept. 1, close of day
John Thompson	Sept. 1, close of day
Homer Smith	Sept. 2, noon
Lowell Stagner	Sept. 3, noon
Joseph Catmull	Sept. 3, close of day
Franklin Potter	Sept. 4, noon
John McMillian	Sept. 7, close of day
Frederick Bieberdorf	Sept. 7, close of day
Samuel Ellison	Sept. 7, close of day
Arthur Nash	Sept. 8, close of day
Daniel Turner	Sept. 12, noon
Harry Truman	Sept. 12, noon
Harold Richardson	Sept. 14, close of day
Lowell Biddulph	Sept. 15, close of day
Samuel Beal	Sept. 15, noon
George Marler	Sept. 25, close of day

Interpretation:

The regular lecture and guide service was carried on through Labor Day.

Park Naturalist Bauer gave a welcoming address to the Montana Mining Association at their Annual Meeting in Cooke, Montana on September 5. About 220 were in attendance.

Robert Hack, janitor for the Old Faithful Museum, continued to work until the close of September 4.

Doyle Smith, janitor for the Fishing Bridge Museum, continued to work until the close of September 4.

Robert Campbell, employed as librarian for the Yellowstone Library and Museum Association continued to that capacity until the close of September 25.

Sidney Barsky, fellow in history for the Yellowstone Library and Museum Association, left early in the month.

SEPARATION DATES FOR SEASONAL NATURALISTS

Name	Termination of Duty
Harry Woodward	August 15, close of day
Wayne Teplogle	August 20, close of day
Willis Engler	August 22, noon
Herbert Lystrup	August 30, close of day
F. Howard Brady	August 30, close of day
John Lang	August 31, noon
Harry Bauer	Sept. 1, close of day
John Thompson	Sept. 1, close of day
Homer Smith	Sept. 2, noon
Lowell Stagner	Sept. 3, noon
Joseph Catmull	Sept. 5, close of day
Franklin Potter	Sept. 6, noon
John McMillan	Sept. 7, close of day
Frederick Hirschdorf	Sept. 7, close of day
Samuel Elliott	Sept. 7, close of day
Arthur Tash	Sept. 8, close of day
Daniel Turner	Sept. 12, noon
Harry Truman	Sept. 12, noon
Harold Richardson	Sept. 14, close of day
Lowell Riddulph	Sept. 15, close of day
Samuel Neal	Sept. 15, noon
George Harler	Sept. 25, close of day

Interpretation:

The regular lecture and guide service was carried on through Labor Day.

Park Naturalist Bauer gave a welcoming address to the Montana Mining Association at their Annual Meeting in Cooke, Montana on September 5. About 200 were in attendance.

Nature Notes:

The September-October issue of Nature Notes was edited, stenciled and ready for mailing on the last day of the month. It will be mailed out on October 1 and 2 to approximately 800 names.

Ranger Naturalists:

The separation dates are given above under personnel.

Museum Activities and Exhibits:

The museums were closed on the following dates:

Norris	September	2
Madison	"	3
Fishing Bridge	"	8
Mammoth	"	15
Old Faithful	"	25

Sales of publications were cut off at all museums on the 15th of September.

Progress of Exhibit Plans and Projects:

Several labels have been brought in for corrections and it is planned to bring in the exhibit material from the Beaver Exhibit and from the Nymph Lake Exhibit in order to clean and rework these exhibits and renew them for installation next season.

A floor covering of Acco tile was laid in the first week in September on the Fishing Bridge Museum floor. This floor has been bare concrete and shown considerable wear, whereas, the Acco tile not only protects the floor but brightens the color and general character of the rooms. It will be a great improvement.

Research and Observation: Staff Projects:

The work on the preparation of the Interpretive Statement was carried forward to some extent during September. Also, the Park Naturalist is preparing an account of the geology of the Yellowstone to from a bulletin in the series known as "Behind the Scenery".

Assistant Park Naturalist Condon spent several days preparing a statement on the possible effect of the military reservation at Henrys Lake, Idaho on trumpeter swan.

Nature Notes:

The September-October issue of Nature Notes was edited, simplified and ready for mailing on the last day of the month. It will be mailed out on October 1 and 2 to approximately 600 names.

Danger Naturalists

The separation dates are given above under personnel.

Museum Activities and Exhibits:

The museums were closed on the following dates:

Norris	September	2
Madison	"	3
Fishing Bridge	"	8
Mammoth	"	15
Old Faithful	"	25

Sales of publications were cut off at all museums on the 15th of September.

Progress of Exhibit Plans and Projects:

Several labels have been brought in for corrections and it is planned to bring in the exhibit material from the Nearer Exhibit and from the Nymph Lake Exhibit in order to clean and rework these exhibits and renew them for installation next season.

A floor covering of Acme tile was laid in the first week in September on the Fishing Bridge Museum floor. This floor has been here concrete and shown considerable wear, whereas, the Acme tile not only protects the floor but brightens the color and general character of the rooms. It will be a great improvement.

Research and Observation: Staff Projects:

The work on the preparation of the Interpretive Statement was carried forward to some extent during September. Also, the Park Naturalist is preparing an account of the geology of the Tallocotoma to have a bulletin in the series known as "Behind the Scenery".

Assistant Park Naturalist Condon spent several days preparing a statement on the possible effect of the military reservation at Dwarfs Lake, Idaho on trumpeter swan.

Research and Observation: Unusual and significant observations:
Thermal Activity:

The Beehive Geyser played at 11:00 P. M. September 3 and also played in a normal manner at 1:35 P. M. on September 13.

The Giant Geyser was not recorded in eruption during this season up until the nite of September 5. At that time it put on a very good display and played again on the 15th of September.

Green Spring, which has turned into a geyser this season for the first time on record, is a fountain type geyser which plays to a height of 25 to 30 feet every one-half to three hours.

Cliff Geyser which erupted earlier this season was not observed in action this month.

Grand Geyser was observed in eruption 15 times. Its average interval was 40½ hours.

Riverside did not erupt as regularly as it did earlier this season, but played with an average interval of 7 hours 40 minutes.

On 1577 eruptions recorded on Old Faithful the average interval shows 66.3 minutes. The longest observed interval was on May 6 with 91 minutes and the shortest observed interval on May 16 with 38 minutes.

Other geysers seen in eruption during the month in the Upper Geyser Basin were the Sapphire, Jewek, Grotto, Cauliflower, Artemsia, Restless, Solitary, Sponge, Sprinkler, Spanker, Little Cub, Tardy, Spasmotic, Sawmill, Rocket, Turban, Oblong, Three Craters, a geyser behind Grotto Geyser, Bulger, Castle, Daisy, Lion, Model and Lone Star.

Those in the Lower Geyser Basin reported to have been in eruption are Pink Cone, White Dome, Great Fountain, Kaleidoscope, Spasm, Clepsydra, and Fungoid.

Library Activities:

Librarian Robert Campbell completed the indexing of the Superintendents Annual Reports including all the reports available from the first to an including 1939. He finished his work on September 23 and reports that the Yellowstone Library is in good condition with very few books missing and everything in proper order. The library statistics are as follows:

Research and Observations: Thermal and significant observations: Thermal activity:

The Receive Geyser played at 11:00 P. M. September 7 and also played in a normal manner at 1:35 P. M. on September 13.

The Giant Geyser was not recorded in eruption during this season up until the mid of September 5. At that time it put on a very good display and played again on the 15th of September.

Green Spring, which was turned into a geyser this season for the first time on record, is a fountain type geyser which plays to a height of 25 to 30 feet every one-half to three hours.

Cliff Geyser which erupted earlier this season was not observed in action this month.

Grand Geyser was observed in eruption 15 times. The average interval was 42½ hours.

Riverside did not erupt as regularly as it did earlier this season, but played with an average interval of 7 hours 40 minutes.

On 1977 eruptions recorded on Old Faithful the average interval shows 66.3 minutes. The longest observed interval was on May 5 with 91 minutes and the shortest observed interval on May 24 with 36 minutes.

Other geysers seen in eruption during the month in the Upper Geyser Basin were the Beppeline, Jewel, Castle, Cauliflower, Arsenic, Castless, Solitary, Spouge, Sprinkler, Speaker, Little Cub, Tardy, Spasmatic, Sherwill, Rocket, Turban, Chisog, Three Crevers, a geyser behind Grotto Geyser, Bulger, Castle, Daisy, Lion, Mosel and Lone Star.

Those in the Lower Geyser Basin reported to have been in eruption are Pink Cone, White Dome, Great Fountain, Kaleidoscope, Bonus, Clepsydra, and Fungoid.

Library Activities:

Librarian Robert Campbell completed the training of the Superintendents Annual Reports including all the reports available from the first to an including 1939. He finished his work on September 23 and reports that the Yellowstone Library is in good condition with very few books missing and everything in proper order. The library statistics are as follows:

Books in Circulation	6
Books Received during September	2
Indefinite Loan of Books	4
Pamphlets received in September	21
Magazines received in September	15

Natural History Association Activities:

The Yellowstone Library and Museum Association expects to hold its annual meeting on October 1. The report of sales has been completed by Assistant Park Naturalist Condon and the Executive Secretary's report has been prepared by Park Naturalist Bauer. The affairs of the Association seem to be in very good condition.

Photographic and other visual aids:

No kodachrome stills or movies have been taken during the month largely due to the adverse weather.

Two film packs totaling 24 exposures have been taken with the Graphlex and one 616 roll of film has been exposed with the Ziess Ikon. These were pictures of the Indian find and the tornado blow down area taken by Assistant Park Naturalist Condon.

A total of 9 hours has been spent working on the negative and print records this month by Mr. Condon.

Darkroom: (Mr. Condon)

32 prints were made for the August monthly reports on the 6th.
84 - 4 x 5 contact prints have been made.
27 - $3\frac{1}{4}$ x $2\frac{1}{4}$ contact prints have been made.
3 - 4 x 5 film packs of 12 exposures each have been developed.
2 - rolls size 616 film have been developed.

Use of Park Facilities:

Important or influential visitors:

Associate Director A. E. Demaray visited the museum on September 1.
Daniel Beard, regional biologist, was in the museum several times during the early part of the month.

Dr. Shillinger of the Fish and Wildlife Service was a visitor on September 3.

Former Ranger Naturalist Randall Watkins and Dr. McCormick visited the office on September 7.

Books in Circulation	6
Books Received during September	2
Indefinite Loan of Books	4
Pamphlets received in September	22
Magazines received in September	15

Natural History Association Activities.

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Photographic and other visual aids:

No kodachrome stills or movies have been taken during the month largely due to the adverse weather.

Two film packs totaling 24 exposures have been taken with the Graphics and one 616 roll of film has been exposed with the Ziess Ikon. These were pictures of the Indian find and the tornado blow down area taken by Assistant Park Naturalist Condon.

A total of 9 hours has been spent working on the negative and print records this month by Mr. Condon.

Darkroom: (Mr. Condon)

32 prints were made for the August monthly reports on the 616:
84 - 4 x 5 contact prints have been made.
27 - 3½ x 2½ contact prints have been made.
3 - 4 x 5 film packs of 12 exposures each have been developed.
2 - rolls size 616 film have been developed.

Use of Park Facilities:

Important or influential visitors:

Associate Director A. S. Leopold visited the museum on September 1. Daniel Beard, regional biologist, was in the museum several times during the early part of the month.

Dr. Ghillinger of the Fish and Wildlife Service was a visitor on September 5.

Former Ranger Naturalist Randall Watkins and Mr. Motorpick visited the office on September 7.

PROPOSED OUTLINE OF WORK FOR OCTOBER

After completing Nature Notes and the Monthly Report, Park Naturalist Bauer and Assistant Park Naturalist Condon will leave for Omaha, Nebraska to attend the Personnel Training Course on Friday, October 3. Park Naturalist Bauer expects to return on October 11 and Mr. Condon will return about October 20th.

Assistant Park Naturalist Long has already completed most of the work in the closing of the museums and preparing them for winter. He has also been largely responsible for the preparation, mimeographing and assemblying of Nature Notes. During the first part of the month he will carry on the usual routine in the Naturalist office. During the rest of the month the naturalists will be occupied in completing arrangements for the winter. Mr. Long will complete the property inventory for the department. Mr. Condon expects to write a paper on trumpeter swan for publication. Mr. Long will work on the museum prospectus and Park Naturalist Bauer will work on "Behind the Scenery in Yellowstone".

Respectfully submitted,

C. Max Bauer

C. Max Bauer,
Park Naturalist.

Supt.
Director (Russell)
Region II
Dr. Bumpus
Museum ✓
CMB:MN

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS

Yellowstone National Park
Name of Area

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	2	1	
Temporary			

September
Month
1941
Year

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
Auto Caravans	14	346	60"	346
Hiking Trips	48	1412	108"	2543
~~Bear~~ Game Stalks	7	122	90"	183
* Special Parties	--	----	---	-----
*List other types Total			XXXX	
LECTURES				
Campfire	30	2297	54"	2292
~~Hotel~~ Lodge	2	38	60"	38
Museum	19	813	7"	82
~~Outside of Park~~ Bear Talk	12	4353	20"	1451
Special**	--	----	--	----
**Includes all other types Total			XXXX	
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station Mammoth Museum		5265	15"	1316
Norris Museum	--	----	--	----
Madison Museum	--	----	--	----
Old Faithful Museum	--	12187	3"	609
Fishing Bridge Museum	8	2004	20"	668
Old Faithful Cone Count	69	14675	10"	2446
List by name and type			XXXX	
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
Beaver Field Exhibit		15080	5"	1256
Obsidian Cliff Exhibit		2850	5"	237
Nymph Lake Exhibit		205	5"	17
Tuff Cliff Exhibit		80	5"	6
List by name and type			XXXX	

BROADCASTS

Station	Subject

Total Contacts See Sheet Two for Totals
Total V.P.H. See Sheet Two for Totals
Total Visitors See Sheet Two for Totals

Name _____
Title C. Max Bauer, Park Naturalist

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

* AVERAGE DURATION OF ACTIVITY.

** THIS COLUMN REPRESENTS VISITOR PARTICIPATION HOURS. THE FIGURE IS OBTAINED BY MULTIPLYING THE VISITOR ATTENDANCE BY THE AVERAGE DURATION OF THE CONTACT; I.E., THE AVERAGE TIME DEVOTED TO THE TRIP, LECTURE, MUSEUM VISIT, OR USE OF INTERPRETIVE STATIONS.

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS

Yellowstone National Park
Name of Area

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	2	1	
Temporary			

September
Month
1941
Year

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
Auto Caravans				
Hiking Trips				
Ruins				
*				
*List other types Total	69	1880	XXXX	3072
LECTURES				
Campfire				
Hotel or Lodge				
Museum				
Outside of Park				
Special**				
**Includes all other types Total	53	7501	XXXX	3863
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station Old Faithful Gey. Bas.		5575	15"	1393
West Thumb Geyser Basin Contacts		270	2"	9
Artist Point		2464	1"	41
Lookout Point		1157	2"	38
Mount Washburn		----	-	--
Tower Falls Observation Platform		1298	1"	21
List by name and type		14895	XXXX	6541
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
Firehole Canyon Exhibit		1630	5"	135
List by name and type		19845	XXXX	1651

BROADCASTS

Station	Subject

Total Contacts 74121
Total V.P.H. 15127
Total Visitors 40748 - +/- 25 [illegible]

Name C. Max Bauer
Title C. Max Bauer, Park Naturalist

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

* AVERAGE DURATION OF ACTIVITY.

** THIS COLUMN REPRESENTS VISITOR PARTICIPATION HOURS. THE FIGURE IS OBTAINED BY MULTIPLYING THE VISITOR ATTENDANCE BY THE AVERAGE DURATION OF THE CONTACT; I.E., THE AVERAGE TIME DEVOTED TO THE TRIP, LECTURE, MUSEUM VISIT, OR USE OF INTERPRETIVE STATIONS.

Total Visitors - Yellowstone 30, 1941
40756

128897

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DEPARTMENT FOR OCTOBER 1941

General:

Seasonal reports for 1941 were prepared and submitted to the Superintendent. The Inventory was completed by Assistant Park Naturalist Long. Assistant Park Naturalist Condon spent most of the month at the First Personnel Training Course at Omaha, Nebraska.

Administration:

The Park Naturalist accompanied Superintendent Rogers to Omaha and attended the first three and one-half days of the Personnel Training Course. On the third day of this Course he gave a talk on "The Interpretive Program." Enroute to Omaha they visited Devils Tower National Monument, Badlands National Monument, and returning from Omaha they visited Scotts Bluff National Monument and Fort Laramie National Monument. The total time spent by the Park Naturalist on the Omaha trip was from October 3 to 11 inclusive, and Assistant Park Naturalist Condon from October 3 to 21 inclusive.

Some plans for the winter season were made and some work has been done on the Interpretive Statement to accompany the Master Plan for Yellowstone National Park.

Personnel, labor:

Park Naturalist Bauer was on duty all month excepting one and one-half days annual leave, October 17 and 18.

Assistant Park Naturalist Condon was on duty all month.

Assistant Park Naturalist Long was on duty until noon of October 10. From then on until the end of the month he was on annual leave. He expects to be away most of November on annual leave and will prebably return to work on November 24.

Mrs. Mervine Neilson, clerk-stenographer, was on duty all month.

No CCC enrollees were available for the use of the Naturalist Department during the month of October.

Janitor work in the office was taken care of by a janitor assigned by the Plumbing and Sanitation Department for one and one-half hours each day.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DEPARTMENT
FOR
OCTOBER 1941

General:

Seasonal reports for 1941 were prepared and submitted to the Superintendent. The Inventory was completed by Assistant Park Naturalist Long. Assistant Park Naturalist Condon spent most of the month in the First Personnel Training Course at Omaha, Nebraska.

Administration:

The Park Naturalist accompanied Superintendent Rogers to Omaha and attended the first three and one-half days of the Personnel Training Course. On the third day of this Course he gave a talk on "The Interpretive Program." Upon his to Omaha they visited Devils Tower National Monument, Badlands National Monument, and returning from Omaha they visited Mesa Staff National Monument and Fort Laramie National Monument. The total time spent by the Park Naturalist on the Omaha trip was from October 1 to 11 inclusive, and Assistant Park Naturalist Condon from October 1 to 21 inclusive.

Some plans for the winter season were made and some work has been done on the Interpretive Statement to accompany the Master Plan for Yellowstone National Park.

Personnel, Labor:

Park Naturalist Sauer was on duty all month excepting the two one-half days annual leave, October 17 and 18.

Assistant Park Naturalist Condon was on duty all month.

Assistant Park Naturalist Long was on duty until noon of October 10. From then on until the end of the month he was on annual leave. He expects to be away most of November on annual leave and will probably return to work on November 24.

Mrs. Dervine Nelson, clerk-stenographer, was on duty all month.

No 000 enrollees were available for the use of the Naturalist Department during the month of October.

Janitor work in the office was taken care of by a janitor assigned by the Plumbing and Sanitation Department for one and one-half hours each day.

Interpretation:

No lecture or guide service was carried on in October.

Progress of Exhibit Plans and Projects:

The exhibit on beaver which has been located in Willow Park for several years was brought to Mammoth for cleaning and repairs. This will be put in good condition and returned to the field station next spring.

Because of the fact that the exhibit at Nymph Lake has not been extensively used by visitors, this exhibit was brought to Mammoth with an idea of changing it to a new location. This exhibit had an unfortunate location since it was placed on the brow of a hill where parking was dangerous and where tourists were unable to see it in time to slow down, park and examine it. The Superintendent has approved moving this to the vicinity of Mud Volcano and Dragon's Mouth and after consultation with the landscape architect a site will be picked in the locality.

Research and Observation:

The Park Naturalist has made several trips into the field for observation of thermal areas and wildlife. One was made to Holmes Point on the east side of Marys Bay to locate the rock on which Dr. W. H. Holmes had placed his initials in 1872. The same day a trip was made to an unnamed lake about a mile southwest of the Mud Volcano in company with Mr. Rogers and Mr. Haynes. This lake does not appear on any map although it is more than one-fourth of a mile long and about eight hundred feet wide.

Two field trips were made with Assistant Park Naturalist Condon: one to check on the museums and the cabins used by the naturalists; another to Henrys Lake to visit the Sherwood Museum and to obtain further information on the migration routes of the trumpeter swan.

No unusual hot spring or geyser activity is reported for this month.

Library Activities:

Books in circulation.	15
Books received during October	7
Indefinite loan of books.	4
Pamphlets received in October	25
Magazines received in October	19

Interpretations

No lecture or guide service was harvested up in October.

Progress of Exhibit Plans and Projects:

The exhibit on beaver which has been located in Willow Park for several years was brought to Harvard for plotting and repairs. This will be put in good condition and returned to the Field Station next spring.

Because of the rest that the exhibit at Fresh Lake has had been extensively used by visitors, this exhibit was brought to Harvard with an idea of changing it to a new location. This exhibit had an infortunate location since it was placed on the side of a hill where parking and [illegible] and where [illegible] were unable to see it in time to slow down, park and examine it. The Superintendent has approved moving this to the vicinity of Red Tulsman and Gregory's Ranch and after consultation with the landscape architect a site will be picked in the locality.

Research and Observation:

The Park Naturalist has made several trips into the field for observation of thermal areas and wildlife. One was made to Kelsey Point on the east side of Harpe Bay to locate the rock on which Dr. W. S. Kelsey had placed his initials in 1872. The same day a trip was made to an unnamed lake about a mile southwest of the Red Tulsman in company with Mr. Rogers and Mr. Gregory. This lake was not shown on any map although it is more than one-fourth of a mile long and about eight hundred feet wide.

Two field trips were made with Assistant Park Naturalist Lemmon out to check on the museum and the [illegible] used by the [illegible] another to Harpe Lake to visit the [illegible] and to obtain further information on the migration routes of the [illegible] seen.

No unusual hot spring or geyser activity is reported for this month.

Library Activities:

Books in circulation	15
Books received during October	7
Indefinite load of books	1
Pamphlets received in October	25
Magazines received in October	11

Natural History Association Activities:

The annual meeting of the Board of Directors of the Yellowstone Library and Museum Association was held on October 1, 1941. The reports of the Executive Secretary, the Treasurer, and the Sales Publications program for the year were read and a budget set up for the coming year.

Photographic and other visual aids:

The following work was completed by Mr. Condon in the darkroom:

60 - 4 x 5 contact prints were made.
Developed one film pack 4 x 5, 12 exposures.
" one roll film size 616.

All photographic materials, including kodaslides and lantern slides which have been utilized in conducting the lecture programs for the past season have been carefully filed.

Reports and Memoranda:

A seasonal report was submitted to the Superintendent and also sent to the Director and Regional Director giving the statistics concerning the work of the Naturalist Department.

The personnel efficiency rating sheets for the summer ranger naturalists were prepared and submitted to the Superintendent and the Director.

PROPOSED OUTLINE OF WORK FOR NOVEMBER

The Park Naturalist is expecting to leave sometime during November on a temporary assignment to Death Valley National Monument. He plans to continue work on the Interpretive Statement for Yellowstone Park and also the preparation of a bulletin on the geology of Yellowstone Park to fit into a series known as "Behind the Scenery".

Assistant Park Naturalist Condon will carry on the work of the department and is planning the preparation of a manuscript on the trumpeter swan to be published in a professional magazine on birds such as "The Auk" or "The Condor".

Respectfully submitted,

C. Max Bauer

C. Max Bauer,
Park Naturalist.

Superintendent
Director (Dr. Russell)
Region II
Dr. Bumpus
Museum
CMB:MN

Natural History Association Activities:

The annual meeting of the Board of Directors of the Yellowstone Library and Museum Association was held on October 1, 1941. The reports of the Executive Secretary, the Treasurer, and the Sales Publications program for the year were read and a budget set up for the coming year.

Photographic and other visual aids:

The following work was completed by Dr. Tomlin in the Museum:

66 - 4 x 5 contact prints were made.
Developed one film pack 4 x 5, 18 exposures.
" one roll film size 616.

All photographic materials, including cameras and lenses which have been utilized in conducting the lecture program for the past season have been carefully filed.

Reports and Memoranda:

A seasonal report was submitted to the Superintendent and also sent to the Director and Regional Director giving the statistics concerning the work of the Naturalist Department.

The personnel efficiency rating sheets for the summer temper naturalists were prepared and submitted to the Superintendent and the Director.

PROPOSED OUTLINE OF WORK FOR NEXT SEASON

The Park Naturalist is expecting to leave sometime during November on a temporary assignment to Death Valley National Monument. He plans to continue work on the interpretive statement for Yellowstone Park and also the preparation of a bulletin on the geology of Yellowstone Park to fit into a series known as "Behind the Scenery".

Assistant Park Naturalist Condon will carry on the work of the department and is planning the preparation of a manuscript on the trumpeter swan to be published in a professional magazine on April next as "The Tab" or "The Condor".

Respectfully submitted,

C. Max Bauer,
Park Naturalist.

Superintendent
Director (Dr. Russell)
Region II
Dr. Tomlin
Museum
CMB:SF

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS

Yellowstone National Park
Name of Area

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	2	1	1
Temporary			

October
Month

1941
Year

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
Auto Caravans				
Hiking Trips				
Ruins				
*				
*List other types Total			XXXX	
LECTURES				
Campfire				
Hotel or Lodge				
Museum				
Outside of Park				
Special**				
**Includes all other types Total			XXXX	
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station				
List by name and type			XXXX	
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
List by name and type			XXXX	

BROADCASTS

Station	Subject

Total Contacts None
Total V.P.H. None
Total Visitors 8,456

Name C. Max Bauer
Title C. Max Bauer, Park Naturalist

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

* AVERAGE DURATION OF ACTIVITY.

** THIS COLUMN REPRESENTS VISITOR PARTICIPATION HOURS. THE FIGURE IS OBTAINED BY MULTIPLYING THE VISITOR ATTENDANCE BY THE AVERAGE DURATION OF THE CONTACT; I.E., THE AVERAGE TIME DEVOTED TO THE TRIP, LECTURE, MUSEUM VISIT, OR USE OF INTERPRETIVE STATIONS.

128897

YNP Museum (Dr. Bauer)
10-28-41

SEASONAL
~~MONTHLY~~ STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS

SHEET I

YELLOWSTONE NATIONAL PARK
Name of Area

June 1, 1941 to September 30, 1941
Month S
Season - 1941
Year

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	2	1	
Temporary	22		

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
Auto Caravans	279	9891	79"	12708
Hiking Trips	1312	85172	86"	103626
~~Buckrx~~ Game Stalks	85	3606	83"	4926
* Special Parties	12	381	90"	487
*List other types Total			XXXX	
LECTURES				
Campfire	398	110019	58"	108811
~~XXXXXXXX~~ Lodge	74	8390	60"	8390
Museum	2308	76810	11"	14018
Outside of Park				
Special**	148	13309	22"	4045
**Includes all other types Total			XXXX	
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station Mammoth Museum		102604	16"	27624
Norris Museum		80872	12"	14150
Madison Museum		35764	12"	6653
Old Faithful Museum		203469	3"	10173
Fishing Bridge Museum		59965	23"	21224
Old Faithful Cone Count		372800	10"	62133
List by name and type			XXXX	
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
Beaver Field Exhibit		108280	5"	7809
Obsidian Cliff Exhibit		46650	5"	3874
Nymph Lake Exhibit		19205	5"	1600
Tuff Cliff Exhibit		8580	5"	713
List by name and type			XXXX	

BROADCASTS

Station	Subject

Total Contacts See Sheet Two for Totals
Total V.P.H. See Sheet Two for Totals
Total Visitors See Sheet Two for Totals

Name C. Max Bauer
Title C. Max Bauer, Park Naturalist

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

* AVERAGE DURATION OF ACTIVITY.

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Note:- Duration on these sheets is the average for the four months, June to September, inclusive.

128897

SEASONAL

~~MONTHLY~~ STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS

YELLOWSTONE NATIONAL PARK

Name of Area

SHEET II

June 1, 1941 to September 30, 1941

Months

SEASON - 1941

Year

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	2	1	
Temporary	22		

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
Auto Caravans				
Hiking Trips				
Ruins				
*				
*List other types Total		99050	XXXX	121747
LECTURES				
Campfire				
Hotel or Lodge				
Museum				
Outside of Park				
~~Special~~ Bear Talk	181	135161	18"	35018
**Includes all other types Total		343689	XXXX	170282
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station Old Faithful Gey. Bas.		59413	8"	5879
West Thumb Geyser Basin Contacts		7150	2"	238
Artist Point		47265	1"	786
Grandview and Lookout Point		35690	1½"	826
Mount Washburn		23054	7"	2989
Tower Falls Observation Platform		38871	1"	646
List by name and type		1066917	XXXX	153321
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
Firehole Canyon Exhibit		40030	5"	3335
List by name and type		222745	XXXX	17331

BROADCASTS

Station	Subject

Total Contacts 1,732,401
Total V.P.H. 462,681
Total Visitors 534,147- 6/1/41 to 9/30/41
" Year " 581,761- 10/1/40 to 9/30/41

Name C. Max Bauer
Title C. Max Bauer, Park Naturalist

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

* AVERAGE DURATION OF ACTIVITY.

** THIS COLUMN REPRESENTS VISITOR PARTICIPATION HOURS. THE FIGURE IS OBTAINED BY MULTIPLYING THE VISITOR ATTENDANCE BY THE AVERAGE DURATION OF THE CONTACT; I.E., THE AVERAGE TIME DEVOTED TO THE TRIP, LECTURE, MUSEUM VISIT, OR USE OF INTERPRETIVE STATIONS.

CONTACTS: - October 1, 1940 to June 1, 1941 - IN PARK.....7740
OUTSIDE PARK..... 495
8235

128897

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DEPARTMENT FOR NOVEMBER 1941

General

After a summer of considerable rain the month of November was rather dry with a lot of bright sunshine weather. However, the naturalists were not able to do much field work because of the demands for reports and the writing of several papers which was in progress.

Administration

Efficiency rating sheets were made out for each one of the ranger-naturalists and submitted to the Superintendent. Some plans for the winter season were made.

Park Naturalist Bauer has been assigned a temporary job in Death Valley National Monument in cooperation with the Los Angeles County Museum of History, Science and Art in the exploration for and the collecting of specimens for this museum. He is expected to leave early in December.

Assistant Park Naturalist David Condon will be Acting Park Naturalist in his absence.

Personnel, labor:

Park Naturalist Bauer was on duty all month except 1/2 day on November 15 and 1/2 day on November 22.

Assistant Park Naturalist David Condon was on duty all month.

Assistant Park Naturalist Albert Long was on leave until November 23 and was on duty from the 24th to the end of the month.

Mrs. Mervine Neilson, acting stenographer for the Department, was on duty until the close of the 18th. Mr. LeRoy Van Cott, permanent clerk for the Naturalist Department returned from duty in the Chief Clerk's Office and has been on duty here the remainder of the month.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DEPARTMENT
FOR
NOVEMBER 1941

General

After a summer of considerable rain the month of November was rather dry with a lot of bright sunshine weather. However, the naturalists were not able to do much field work because of the demands for reports and the writing of several papers which was in progress.

Administration

Efficiency rating sheets were made out for each one of the ranger-naturalists and submitted to the Superintendent. Some plans for the winter season were made.

Park Naturalist Dauer has been assigned a temporary job in Death Valley National Monument in cooperation with the Los Angeles County Museum of History, Science and art in the exploration for and the collecting of specimens for this museum. He is expected to leave early in December.

Assistant Park Naturalist Derek Condon will be acting Park Naturalist in his absence.

Personnel, labor:

Park Naturalist Dauer was on duty all month except 1/2 day on November 15 and 1/2 day on November 22.

Assistant Park Naturalist Derek Condon was on duty all month.

Assistant Park Naturalist Albert Long was on leave until November 23 and was on duty from the 24th to the end of the month.

Mrs. Marvine Dodson, acting stenographer for the Department, was on duty until the close of the 19th. Mr. Lahoy Van Eck, permanent clerk for the Naturalist Department returned from duty in the Chief Clerk's Office and has been on duty here the remainder of the month.

There were no CCC enrollees assigned to this Department throughout the month.

Interpretation

There was no lecture or guide service carried on in the month of November.

Research and Observation:

The Park Naturalist has spent sometime working on a bulletin to discuss the geology of Yellowstone Park which will fit into the series "Behind the Scenery" to be put out by the National Park Service.

Assistant Park Naturalist Condon has prepared a paper on the discovery of an Indian burial on the north shore of Yellowstone Lake.

No unusual hot spring or geyser activity was reported during the month.

Library Activities:

Books in circulation.	16
Books received during November... . . .	18
Indefinite loan of books.	4
Pamphlets received in November.	9
Magazines received in November.	20

Natural History Association Activities:

The Yellowstone Library and Museum Association purchased quite a few books during the month, among them a complete set of the bulletins of the Idaho Historical Association. These were bound as a permanent part of the library.

Photographic and other visual aids:

The following work was accomplished during the month.

50 8 x 10 enlargements
35 4 x 5 enlargements
Developed 1 roll 616 film
Developed 4 rolls 5 x 7 cut film

Reports and Memoranda:

The Park Naturalist prepared an Interpretive statement for the Yellowstone Park Master Plan. This preliminary statement has been submitted to the Director and the Regional Office for approval.

There were no CCC enrollees assigned to this Department throughout the month.

Interpretation

There was no lecture or guide service carried on in the month of November.

Research and Observation

The Park Naturalist has spent sometime working on a bulletin to discuss the geology of Yellowstone Park which will fit into the series "Behind the Scenery" to be put out by the National Park Service.

Assistant Park Naturalist Lemmon has prepared a paper on the discovery of an Indian Burial on the north shore of Yellowstone Lake.

An unusual hot spring or geyser activity was reported during the month.

Library Activities:

Books in circulation.	16
Books received during November.	16
Indefinite loan of books.	4
Pamphlets received in November.	9
Magazines received in November.	[illegible]

Natural History Association Activities:

The Yellowstone Library and Museum Association purchased quite a few books during the month, among them a complete set of the bulletins of the Indian Historical Association. These were bound in a permanent part of the library.

Photographic and other visual aids:

The following work was accomplished during the month.

50 2 x 10 enlargements
35 4 x 5 enlargements
Developed 1 roll 616 film
Developed 4 rolls 3 x 7 wet film

Reports and Memoranda:

The Park Naturalist prepared an Interpretive statement for the Yellowstone Park Master Plan. This preliminary statement was then submitted to the Director and the Regional Office for approval.

PROPOSED OUTLINE OF WORK FOR DECEMBER

The Park Naturalist expects to leave early in December for a temporary assignment to Death Valley National Monument. While at the Monument he expects to set up a Place Name file and establish a historical outline as well as carry on the inspection work for the party exploring and collecting specimens for the Los Angeles County Museum.

Assistant Park Naturalist Condon will carry on the work on the Department and is planning the preparation of a manuscript on Trumpeter Swan to be published in a professional magazine soon.

Assistant Park Naturalist Long will be engaged the most of the month in the preparation of a museum prospectus for Yellowstone Park.

Respectfully submitted,

C. Max Bauer,
Park Naturalist.

Director (Dr. Russell)
Region II
Dr. Bumpus
Museum
CMB:LVC

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS

Yellowstone National Park
Name of Area

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	2	1	
Temporary			

November
Month
1941
Year

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
Auto Caravans				
Hiking Trips				
Ruins				
*				
*List other types Total			XXXX	
LECTURES				
Campfire				
Hotel or Lodge				
Museum				
Outside of Park				
Special**				
**Includes all other types Total			XXXX	
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station				
List by name and type			XXXX	
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
List by name and type			XXXX	

BROADCASTS

Station	Subject

Total Contacts None
Total V.P.H. None
Total Visitors 1838

Name
Title C. Max Bauer, Park Naturalist

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

* AVERAGE DURATION OF ACTIVITY.

** THIS COLUMN REPRESENTS VISITOR PARTICIPATION HOURS. THE FIGURE IS OBTAINED BY MULTIPLYING THE VISITOR ATTENDANCE BY THE AVERAGE DURATION OF THE CONTACT; I.E., THE AVERAGE TIME DEVOTED TO THE TRIP, LECTURE, MUSEUM VISIT, OR USE OF INTERPRETIVE STATIONS.

128897

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DEPARTMENT FOR DECEMBER 1941

General

The month of December found roads closed out into the interior of the Park and no field nor observation trips were made into this section of Yellowstone. Existing weather conditions were such that the work of the naturalists has been confined indoors for this month. The last few days of the month maintained sub-zero temperatures.

The activities of the Naturalist Staff have been influenced some by the construction of the new restrooms under the front porch of the museum since this construction work required the breaking of several holes through the foundations with air hammers. Considerable dust and debris were scattered about through the interior of the museum building and especially in the library and store rooms and down the basement. Due to the presence of this dirt and dust it was impossible to do some work which it was hoped might be accomplished during the month of December.

The work on the construction of these restrooms has now reached the stage where it consists largely of finishing and will not materially hamper or influence the work being done inside the museum as it has during the past month.

Administration

Special Activities, conferences.

A special conference was called by the Superintendent of the Park on December 9 which was held in the canteen building and attended by the ranger and naturalist staffs. This conference dealt with the manner of handling fugitives from justice which might enter Yellowstone Park and thus make it necessary to apprehend them here.

Master plan studies, plan and project review.

Review has been made of the master plan studies for Custer Battlefield National Military Cemetery as submitted by Regional

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Master plan studies, plan and project review.

Review has been made of the master plan studies for Custer Battlefield National Military Cemetery as submitted by Regional

Landscape Architect Howard Baker. After reviewing the plans for the museum location which is to be the interpretive center for this national monument, a memorandum containing the suggestions of the naturalist department was submitted to the Acting Superintendent and it is planned that further discussions will be carried out pertaining to this matter.

Personnel, labor.

The ranger naturalists employed during the 1941 season were informed of the type of service it was felt that they had rendered and requested to notify us concerning their desire to return for the 1942 season. A very favorable response has been received from this personnel group to date.

Park Naturalist C. Max Bauer was on duty through December 10 and left early the morning of the 11th for special assignment to Death Valley at which time Assistant Park Naturalist David Condon took over as Acting Park Naturalist. It is expected that Dr. Bauer will return to Yellowstone sometime around the first of March.

Assistant Park Naturalist David Condon was on duty all month except for 1/2 day annual leave on December 6th.

Assistant Park Naturalist Albert E. Long was on duty all month except 1 day annual leave on December 3rd.

Clerk LeRoy Van Cott was on duty through December 19 at which time he left on annual leave for the remainder of the month.

No CCC enrollees were on duty at the museum during the month.

Interpretation

Lectures, Guide Service, and Interpretive Contacts.

Statistical Report.

The statistical report for the month of December is attached.

Lectures outside of the park or other extension service.

On December 10 George Marler, a Yellowstone Ranger Naturalist of Thornton, Idaho came to Yellowstone and was loaned

Landscape Architect Howard Baker. After reviewing the plans for the museum Investigation which is to be the interpretive center for this national monument, a memorandum outlining the suggestions of the naturalist department was submitted to the acting Superintendent and it is planned that further discussions will be carried out pertaining to this matter.

Personnel, Labor.

The ranger naturalists employed during the 1964 season were informed of the type of service it was felt that they had rendered and requested to notify to concerning their desire to return for the 1965 season. A very favorable response has been received from this personnel group to date.

Park Naturalist C. Max Baker was on duty through December 10 and left early the morning of the 11th for special assignment to Death Valley at which time assistant Park Naturalist David Condon took over as acting Park Naturalist. It is expected that Dr. Baker will return to Yellowstone sometime around the first of March.

Assistant Park Naturalist David Condon was on duty all month except for 1/2 day annual leave on December 2nd.

Assistant Park Naturalist Albert R. Long was on duty all month except 1 day annual leave on December 3rd.

Clerk Labor Pen Dyer was on duty through December 17 at which time he left on annual leave for the remainder of the month.

The CCC enrollees were on duty at the museum during the month.

Interpretation

Lectures, Guide Service, and Interpretive Contacts.

Statistical Report.

The statistical report for the month of December is attached.

Lectures outside of the park or other extension service.

On December 10 George Marion, a Yellowstone Ranger Naturalist of Yellowstone, Wyoming came to Yellowstone and was lecture

equipment and illustrative materials from our supply at the headquarters museum. These are to be used by him in conducting a series of lectures in Idaho and Utah, and he is sponsored financially by the Emergency Conservation Committee, whose chairman is Mrs. C. N. Edge.

It is anticipated that Mr. Marler will represent the National Park Service by giving lectures at the Leadership week at the Ricks College in Rexburg, Idaho at which time he will give four lectures on our national parks, especially emphasizing Yellowstone National Park. Mr. Marler is also making arrangements to act in a similar capacity at the Leadership week program of the Brigham Young University in Provo, Utah. As yet full details have not been submitted to us for these programs. Only on these two occasions will he be considered as representing the National Park Service. Otherwise he is directly on his own and will be representing the Emergency Conservation Committee for whom he is especially emphasizing the protection of the Trumpeter Swan.

Nature Notes:

The November-December issue of Nature Notes was completed the fore part of the month and placed in the mails on the third of December.

Museum Activities and Exhibits.

Progress of exhibit plans and projects.

Assistant Park Naturalist Albert Long has been working during the month on the revision of the Administrative History case in the history and ethnology room in the Mammoth Museum. When this case is finished it will make a marked improvement in the exhibits of this room.

Loans, gifts, and accessions of exhibits, study material, or equipment, and the disposition thereof.

Mr. Lee Coleman, District Park Ranger, presented to the museum a pair of old skis and one large bear trap found by him along the north boundary of Yellowstone Park during the month of November.

Assistant Park Naturalist David Condon turned over to the museum a collection of arrow heads, spear points, and other Indian artifacts collected by him in Yellowstone Park during the last six years. These were accompanied by the detailed information concerning the location where they were found, etc.

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Nature Notes.

The November-December issue of Nature Notes was completed the date part of the month and placed in the mails on the third of December.

Museum Activities and Exhibits.

Progress of exhibit plans and projects.

Assistant Park Naturalist Albert Long has been starting during the month on the revision of the administrative history case in the history and ethnology room in the Museum Museum. When this case is finished it will make a marked improvement in the exhibits of this room.

Loans, gifts, and accessions of exhibits, study material, or equipment, and the disposition thereof.

Mr. Joe Coleman, District Park Ranger, presented to the museum a pair of old skis and one large bear trap found by him along the north boundary of Yellowstone Park during the month of November.

Assistant Park Naturalist David Condon turned over to the museum a collection of arrow heads, spear points, and other Indian artifacts collected by him in Yellowstone Park during the last six years. These were accompanied by the detailed information concerning the location where they were found, etc.

Park Ranger Walter Gammill gave to the museum Indian artifacts which he found this fall.

Research and Observation: Staff projects, studies in botany, etc.

Assistant Park Naturalist Albert E. Long has during the month prepared a number of sketches with reference to the museum prospectus research work which he is doing. He is continuing this work during the month of January.

Library Activities.

Books in circulation.	15
Books received during December.	3
Indefinite loan of books.	0
Pamphlets received in December.	3
Magazines received in December.	17

Natural History Association Activities.

A report on the year's activities of the Yellowstone Library and Museum Association was submitted to the Director during the month.

The Board of Directors of the Yellowstone Library and Museum Association sent to a total of 27 universities and colleges the announcement of a fellowship which will be granted for research in Geology. This Fellowship is offered by them for the year 1942 which carries a stipend of $400 to be paid to the Fellow in three monthly installments of $100 each and $100 on acceptance of the finished dissertation.

The Yellowstone Library and Museum Association during the month has contacted the heads of botany departments in four institutions in the Rocky Mountain area concerning the possibility of securing their aid to help bring the Yellowstone herbarium up to such a standard that it will be the best in the Park Service. The Association has set aside a fund for employing competent help to do this job and it is highly possible that one of these botanists will be secured.

Photographic and other visual aids.

The work done in the museum dark room consists of the following:

Park Ranger Walter Donnelly gave us the museum Indian artifacts which he found this fall.

Research and Observations: Staff projects, studies in botany, etc.

Assistant Park Naturalist Albert L. Long has during the month prepared a number of abstracts with reference to the museum prospectus research work which he is doing. He is continuing this work during the month of January.

Library Activities.

Books in circulation.	17
Books received during December.	3
Indefinite loans of books.	0
Pamphlets received in December.	3
Magazines received in December.	11

Natural History Association Activities.

A report on the year's activities of the Yellowstone Library and Museum Association was submitted to the Director during the month.

The Board of Directors of the Yellowstone Library and Museum Association sent to a total of 27 universities and colleges the announcement of a fellowship which will be granted for research in Geology. This fellowship is offered by them for the year 1942 which carries a stipend of $100 to be paid to the fellow in three monthly installments of $300 each and $100 on acceptance of the finished dissertation.

The Yellowstone Library and Museum Association during the month has contacted the heads of botany departments in four institutions in the Rocky Mountain area concerning the possibility of securing their aid to help bring the Yellowstone herbarium up to such a standard that it will be the best in the Park Service. The association has set aside a fund for employing competent help to do this job and it is highly possible that one of these botanists will be secured.

Photographic and other visual aids.

The work done in the museum dark room consists of the following:

20 8 x 10 enlargements made
15 8 x 10 ad-type contact prints made
1 film 4 x 5 12 exposure developed

This work was done during the month by Assistant Park Naturalist Condon. No other photographic work has been done nor has any film been exposed.

Reports and memoranda.

On December 9 a special memorandum was prepared by Assistant Park Naturalist Condon for Superintendent Rogers referring to the proposed preparation of a monograph on the Trumpeter Swan.

PROPOSED OUTLINE OF WORK FOR JANUARY 1942

It is planned that Assistant Park Naturalists Long and Condon will conduct a local nature school in connection with the Mammoth School program, there being a course on some phase of Yellowstone Nature Study given to the students of the school one afternoon each week.

The preparation of the January-February issue of Nature Notes will be undertaken.

It is planned that there will be some field work and winter photography done during the month of January.

One of the largest jobs confronting us for the month of January will be a complete cleanup of the basement store rooms, library, book stock room, and the dark room since everything on this entire floor has been coated with a heavy layer of dust. It will be necessary to clean each individual book in the library and all individual specimens stored in cases and on shelves in the basement.

Assistant Park Naturalist Albert Long will continue the case revision in the Mammoth Museum and will also continue his work on the museum prospectus.

It is planned that there will be some Yellowstone Library and Museum Association wholesale book orders made for the stock room supply.

Assistant Park Naturalist Albert Long will illustrate the Superintendent's Annual Report.

(2) H = 10 microprocessor made
(3) G = 10 electron microscope photos made
1 Film A = 5 12 projectors developed

This work was done during the month by laboratory technicians. No other photographic work has been done for his org film been started.

Reports and memoranda.

On December 5 a special memorandum was prepared by Mr. Smith that Mr. Martelli begins the Superintendent from returning to the proposed preparation of a newspaper on the Computer Room.

Planned duties to work for January 1962

It is planned that Laboratory Technicians Long and Cooper will conduct a level nature school in conjunction with the Summer School program. There being a course on each phase of Telecommunications Study given to the students of the school the effective each week.

The preparation of the Manufacturers Laws of Nature Series will be undertaken.

It is planned that there will be some field work and photomicrography done during the month of January.

One of the largest jobs undertaken is for the month of January will be a complete element of the Computer Room Library. Library, book stack room, and the area room where everything on this entire floor has been coated with a heavy layer of dirt. It will be necessary to clean each individual book in the library and all instructional apparatus stored in cases and in storage in the basement.

Laboratory Tech Martelli Albert Long will continue the same revision in the Research Lecture and will also continue his work on the Nature properties.

It is planned that there will be some Telemetric Library and Nature Association maintenance book orders made for the stack room supply.

Laboratory Tech Technical Albert Long will illustrate the Instrumentation Manual Report.

Another project it is hoped time can be devoted to will be the enlargement of many of our better negatives in view of the fact that much of our enlarging paper is out dated and may not be useful unless we utilize it soon.

It is planned that considerable work will be done on the filing of newspaper clippings.

The routine work of correspondence, kodaslide binding, photographic and negative file work will be carried on.

Respectfully submitted,

David De. L. Condon,
Acting Park Naturalist.

Director (Dr. Russell)
Region II
Dr. Bumpus
Museum
DDC:LVC

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS

Yellowstone National Park
Name of Area

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	2	1	
Temporary			

December
Month
1941
Year

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
Auto Caravans				
Hiking Trips				
Ruins				
*				
*List other types Total			XXXX	
LECTURES				
Campfire				
Hotel or Lodge				
Museum				
Outside of Park				
Special**				
**Includes all other types Total			XXXX	
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station				
List by name and type			XXXX	
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
List by name and type			XXXX	

BROADCASTS

Station	Subject

Total Contacts None
Total V.P.H. None
Total Visitors 461

Name
Title David De. L. Condon
~~Acting Park Naturalist~~

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

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UNITED STATES
DEPARTMENT OF THE INTERIOR
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YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DEPARTMENT FOR JANUARY 1942

General

Several of the jobs which it was anticipated would be completed during the month of January were not attended to due to the influence of unforseen jobs of immediate importance which had to be attended to. But in general there was marked progress toward the completion of this work and that which was not accomplished will receive first consideration during the month of February.

The work on the restrooms has progressed to the point that it no longer interferes with any of the work projects we might endeavor to undertake in the museum and so we feel that all of our work can go ahead without any further interruption.

Assistant Park Naturalist Albert E. Long illustrated the 1941 Superintendent's annual report.

Administration

Special Activities, conferences.

Several conferences were held during the month by Assistant Park Naturalist Long and Acting Park Naturalist Condon on museum problems, especially pertaining to plans for new museums to be included in the Master Plan development for the Park.

On the 14th a special conference was held with Acting Superintendent J. W. Emmert and Mr. C. K. Skinner concerning the instigation of a game caravan to be conducted from Gardiner, Montana to the Buffalo Ranch. At this conference it was decided that the naturalists would guide parties from the north entrance to the Buffalo Ranch beginning at 1:30 each day until January 31 which would be the close of the hunting season on the northern side of the Park.

On the 28th a conference was attended in which Mr. Sanford Hill, J. W. Emmert, C. A. Lord, A. E. Long, and Mr. Condon participated, the conference dealing with problems pertaining to the proposed museum development at the Custer Battlefield National Cemetery.

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The work on the restrooms has progressed to the point that it no longer interferes with any of the work projects we might endeavor to undertake in the museum and so we feel that all of our work can go ahead without any further interruption.

Assistant Park Naturalist Albert R. Lang illustrated the 1941 Superintendent's annual report.

Administration

Special Activities, conferences.

Several conferences were held during the month by Assistant Park Naturalist Lang and Acting Park Naturalist Condon on museum problems, especially pertaining to plans for new museums to be included in the Master Plan development for the Park.

On the 16th a special conference was held with Acting Superintendent J. M. Emmert and Mr. C. E. Skinner concerning the instigation of a game carcass to be conducted from Gardiner, Montana to the Buffalo Ranch. At this conference it was decided that the naturalists would guide parties from the north entrance to the Buffalo Ranch beginning at 1:30 each day until January 31 which would be the close of the hunting season on the northern side of the Park.

On the 20th a conference was attended in which Mr. Tanford Hill, J. M. Emmert, C. A. Lord, A. E. Lang, and Mr. Condon participated, the conference dealing with problems pertaining to the proposed museum development at the Custer Battlefield National Cemetery.

Master plan studies, plan and project review.

Considerable time has been spent on the reviewing of the proposed museum developments at West Thumb, Canyon, and Mammoth in Yellowstone Park, and the master plan for the development of the Custer Battlefield National Cemetery.

Personnel, labor.

Park Naturalist C. Max Bauer has been in Death Valley during the entire month on special assignment.

Acting Park Naturalist David Condon was on duty all month except for 1/2 day annual leave on the 15th and 1/2 day annual leave on the 29th.

Assistant Park Naturalist Albert E. Long was on duty all month except for 1/2 day annual leave on January 10.

Clerk LeRoy Van Cott was on duty all month except for 2-1/2 days annual leave from January 1st to the 5th.

Mrs. Roberta Croy was hired as a charwoman and Mr. Richard Elliott was hired as a laborer on the 15th. Their work consisted of the complete house cleaning of the museum offices, basement, and exhibit rooms. These two people worked through the 27th when their services were terminated.

No CCC enrollees were on duty at the museum during the month.

STATUS OF RANGER-NATURALIST POSITIONS

Number Approved	Number Filled	Men on Duty
0	0	0

During the month a response was received from our ranger naturalists to our request that they notify us concerning their availability for the 1942 season and we find that 18 of these men have expressed the desire to be with us another year. One regrets that he will be unable to return, two have as yet failed to respond to our request, and 1 position we desire to replace with a more suitable man. This leaves Yellowstone at the present time with the possibility of filling four positions with ranger naturalists and we have on hand at the present time applications for

Master plan studies, plan and project review.

Considerable time has been spent on the reviewing of the proposed museum developments at Fort Ellis, Bergen, and Bowerth in Yellowstone Park, and the master plan for the development of the Custer Battlefield National Cemetery.

Personnel, labor.

Park Naturalist C. Van Dener has been in Lewis Valley during the entire month on special assignment.

Acting Park Naturalist Dennis Gordon was on duty all month except for 1/2 day annual leave on the 15th and 1/2 day annual leave on the 25th.

Assistant Park Naturalist Albert R. Long was on duty all month except for 1/2 day annual leave on February 28.

Clerk Lahey Van Dent was on duty all month except for 2-1/2 days annual leave from January 1st to the 5th.

Mrs. Lakeside Drop was hired as a chairman and Mr. Richard Elliott was hired as a laborer on the 15th. Their work consisted of the complete house cleaning of the museum offices, basement, and exhibit rooms. These two people worked through the 21st when their services were terminated.

No CCC enrollees were on duty at the museum during the month.

STATUS OF CAMERON-NATURALIST POSITIONS

Museum Approved	Museum Filled	Men on Duty
0	0	0

During the month a response was received from our Ranger naturalists to our request that they notify us concerning their availability for the 1942 season and we find that 18 of these men have expressed the desire to be with us another year. Our regrets that is still be unable to return, two have as yet failed to be spend to our request, and 1 position we desire to replace with a more suitable man. This leaves Yellowstone at the present time with the possibility of filling four positions with ranger naturalists and we have on hand at the present time applications for

Yellowstone winter sports are in full swing as Miss Kathleen Evans, daughter of District Ranger W. Leon Evans, rides the ski hill at Undine Falls where Yellowstone National Park has recently developed an outstanding winter sports area.

Photo by Condon January 12, 19[illegible]

ranger naturalist positions from 25 men who seem well qualified, several who have had previous ranger naturalist experience in other parks, and many of whom are graduates from the Yosemite Field School. So we feel that we have a suitable group of applicants from which to select men for the four vacancies which we will probably have.

Interpretation

Lectures, Guide Service, and Interpretive Contacts.

A special program was presented to the Mammoth community on the night of January 16 at which time 800 feet of colored movies and 50 kodaslides were shown to an audience of 60 people by Acting Park Naturalist David Condon.

Statistical Report.

The statistical report for the month of January is attached.

Public Relations, new or unusual activities.

An attempt was made to conduct a game caravan each day following January 16 but only on the 18th was there any success. Naturalists Long and Condon had a total of 7 cars and 20 people on this trip. Special publicity wasgiven to this activity by posting cabin camps and public places in Gardiner, Montana and a copy of the poster used is attached.

Lectures outside of the park or other extension service.

Mr. George Marler, a seasonal ranger naturalist of Yellowstone has been conducting a lecture tour through northern Utah and southern Idaho which has proved very popular with those audiences with whom he has met and favorable comments has been received on his work.

Nature Notes.

The January-February issue of Nature Notes was edited, mimeographed, and ready for the mail by the close of the month.

Museum Activities and Exhibits

Progress of exhibit plans and projects.

Assistant Park Naturalist Albert Long has continued his work on the revision of the administrative history case in the history and ethnology room and has not yet completed that project.

ranger naturalist positions from 25 men who seem well qualified, several who have had previous ranger naturalist experience in other parks, and many of whom are graduates from the Yosemite Field School. So we feel that we have a suitable group of applicants from which to select men for the four seasonals which we will probably have.

Interpretation

Lectures, Guide Service, and Interpretive Contacts.

A special program was presented to the Seneca community on the night of January 16 at which time 600 feet of colored movies and 20 Kodaslides were shown to an audience of 40 people in Yosemite Park Naturalist Merit Program.

Statistical Report.

The statistical report for the month of January is attached.

Public Relations, Home or Seasonal Activities.

An attempt was made to conduct a game campaign each day following January 16 but only on the 18th was there any success. Naturalists Long and Condon had a total of 7 men and 20 people on this trip. Special publicity campaign on this activity by putting white moose and public places in Gardiner, Montana and a copy of the poster used is attached.

Lectures outside of the park or other extension service.

Mr. George Marler, a seasonal ranger naturalist of Yellowstone has been conducting a lecture tour through northern Utah and southern Idaho which has proved very popular with those audiences with whom he has met and favorable comments had been received on his work.

Nature Notes.

The January-February issue of Nature Notes was edited, photographed, and ready for the mail by the close of the month.

Nature Activities and Exhibits

Progress of exhibit plans and projects.

Assistant Park Naturalist Albert Long has continued his work on the revision of the administrative history made in the History and Ethnology room and has not yet completed them project.

- FOR HUNTERS -

GAME OBSERVATION AUTO CARAVAN

Into Yellowstone National Park to the Buffalo Ranch.

See - - - - - -

Elk - Antelope - Deer - Bighorn & Buffalo

Under the guidance of a National Park Service Naturalist.

FREE

Use Your Own Car !

Caravan will leave the Gardiner Entrance of the Park at 1:30 each afternoon. Have enough gas and oil in your car to drive 75 miles.

Note:

Guns taken into the Park will be sealed so to save yourself this inconvience leave them with someone in Gardiner.

Acting Park Naturalist Condon and Assistant Park Naturalist Long have devoted considerable time to planning of museum exhibit space for West Thumb, Canyon, and the new Mammoth Museum. On January 23 they revised the plans submitted by the Region TWO office on the museum space for the Mammoth Museum and made their suggested revisions to this plan. These revisions and comments were forwarded to Mr. Dorr Yeager for his review and comment.

Loans, gifts, and accessions of exhibits, study material, or equipment, and the disposition thereof.

Considerable time was spent on the accessioning and cataloguing of the Indian materials acquired from the grave site excavated at Fishing Bridge last August. 215 separate items were numbered and properly stored in connection with this project.

Research and Observation: Staff projects, studies in botany, etc.

Assistant Park Naturalist Albert Long has continued his work on the museum prospectus during the month and considerable time has been spent studying materials pertaining to Yellowstone National Park.

A brief paper on "American Indian Burial Giving Evidence of Antiquity Discovered in Yellowstone National Park" was submitted the forepart of the month by Acting Park Naturalist Condon.

Research and Observation: cooperate projects, studies in the natural sciences, etc.

Acting Park Naturalist Condon has received during the month four sternums of Whistling Swan from Dr. Quortrup of the Fish and Wildlife Service in Brigham City and has also received two Whistling Swan complete from Mr. Kenneth Roahen from the Fish and Wildlife Service at Billings. The skeletons of these birds are being utilized for study and comparative purposes with those of the Trumpeter Swan.

Library Activities.

Books in circulation.	19
Books received during January	13
Indefinite loan of books.	0
Pamphlets received in January	8
Magazines received in January	19

Acting Park Naturalist Gordon and Assistant Park Naturalist Long have devoted considerable time to planning of museum exhibit space for East Thumb, Canyon, and the new Lamoth Museum. On January 23 they revised the plans submitted by the Region VIII office on the museum space for the Lamoth Museum and made their suggested revisions to this plan. These revisions and comments were forwarded to Mr. Jerry Yeager for his review and comment.

Loans, gifts, and assessions of exhibits, study material, or equipment, and the disposition thereof.

Considerable time was spent on the accessioning and cataloging of the Indian materials acquired from the grave site excavated at Fishing Bridge last August. 1923 accessions items were numbered and properly stored in accessories with their project.

Research and Observation: Staff projects, studies in history, etc.

Assistant Park Naturalist Albert Long has continued his work on the museum prospectus during the month and considerable time has been spent studying materials pertaining to Yellowstone National Park.

A brief paper on "Precious Indian Burial Firing Pathways of Antiquity Discovered in Yellowstone National Park" was submitted the Transport of the month by Acting Park Naturalist Gordon.

Research and Observation: Cooperate projects, studies in the natural sciences, etc.

Acting Park Naturalist Gordon has received during the month four shrubs of Whistling Swan from Mr. Gregory of the Fish and Wildlife Service in Brigham City and has also received two Whistling Swan complete from Mr. Kenneth Hodson from the Fish and Wildlife Service at Billings. The skeletons of these birds are being utilized for study and cooperation purposes with those of the Trumpeter Swan.

Library Activities.

Books in circulation.	13
Books received during January	13
Indefinite loan of books.	0
Pamphlets received in January	5
Magazines received in January	13

Natural History Association Activities:

Final arrangements are being made by the Yellowstone Library and Museum Association for the hiring of a botanist to complete the work on the Yellowstone herbarium in the Mammoth Museum.

The major portion of the sales publication stock for the 1942 season has been secured during the month and has been placed in storage in the sales publication stock room.

To date very little favorable response has been received from institutions on the Fellowship in Geology offered by the Yellowstone Library and Museum Association.

Photographic and other visual aids.

The work done in the museum darkroom consists of the development of two rolls of 616 film and 1 roll of XX 135, 32 2-1/2 x
3 3-1/2 contact prints were made. 20 5 x 7 enlargements and 10 8 x 10 enlargements were made. Two rolls of K 135 kodachrome slides were exposed during the month and two 100 foot rolls of 16 mm kodachrome movies were also exposed. This work was done by Acting Park Naturalist Condon.

Reports and Memoranda.

A special paper was prepared entitled "Indian Forays in Yellowstone National Park" for use in the annual feature edition of the Casper Tribune. This was prepared by Mr. Condon.

PROPOSED OUTLINE OF WORK FOR FEBRUARY 1942

Assistant Park Naturalist Albert Long will continue the museum prospectus study, will complete the history case exhibit in the Mammoth Museum, and will work on the plans for the proposed West Thumb and proposed Custer Museums.

All requests for specimens which have accumulated during the past year will be filled wherever possible from the stock of specimens on hand for such purposes.

It is hoped that the selection of ranger naturalists for the 1942 season can be made before the close of February.

The 1941 series of photographs and negatives will be filed in the negative and photo album files.

Natural History Association activities:

Final arrangements are being made by the Yellowstone Library and Museum Association for the hiring of a Naturalist to complete the work on the Yellowstone herbarium in the Emmett Museum.

The major portion of the sales publication stock for the 1942 season has been secured during the month and has been placed in storage in the sales publication stock room.

To date very little favorable response has been received from institutions on the Yellowstone in Geology offered by the Yellowstone Library and Museum Association.

Photographic and other visual aids.

The work done in the museum contains duration of the development of two rolls of 116 film and 1 roll of 22 135, 35 mm x 3-1/2 contact prints were made. Six 3 x 7 enlargements and 14 8 x 10 enlargements were made. Two rolls of 2 135 Kodachrome slides were exposed during the month and two 100 feet rolls of 16 mm Kodachrome movies were also exposed. This work was done by having high naturalist Museum.

Reports and Memoranda.

A special paper was prepared entitled "Indian Forage in Yellowstone National Park" for use in the annual feature edition of the Casper Tribune. This was prepared by Mr. Gordon.

PROPOSED OUTLINE OF WORK FOR MONTHLY 1942

Assistant Park Naturalist Albert Lang will continue the museum prospectus study, will complete the history maps applied to the Emmett Museum, and will work on the plans for the proposed Fort Thomas and proposed Butler Museum.

All requests for specimens which have accumulated during the past year will be filled whenever possible from the stock of specimens on hand for such purposes.

It is hoped that the selection of ranger naturalists for the 1942 season can be made before the close of February.

The 1941 series of photographs and negatives will be filed in the negative and photo album files.

Work will be done on the clipping file which is not yet up to date.

If conditions permit it is anticipated that we will enlarge many of our better negatives.

Acting Park Naturalist Condon hopes to be able to continue the work with the Trumpeter Swan problem and to prepare something concrete on this subject.

The routine work of correspondence, kodaslide binding, and general filing will be carried on during the month.

Respectfully submitted,

David De. L. Condon,
Acting Park Naturalist.

Director (Russell)
Region II
Bumpus
Museum
DDC:LVC

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS

Yellowstone National Park
Name of Area

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	2	1	
Temporary			

January
Month
1942
Year

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
Auto Caravans	1	20	2 hours	40
Hiking Trips				
Ruins				
*				
*List other types Total	1	20	XXXX	40
LECTURES				
Campfire				
Hotel or Lodge				
Museum				
Outside of Park				
Special** Mammoth Community (Canteen Bldg.)	1	60		60
**Includes all other types Total	1	60	XXXX	60
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station				
List by name and type			XXXX	
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
List by name and type			XXXX	

BROADCASTS

Station	Subject

Total Contacts 80
Total V.P.H. 100
Total Visitors 1777

Name
Title Acting Park Naturalist

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

* AVERAGE DURATION OF ACTIVITY.

** THIS COLUMN REPRESENTS VISITOR PARTICIPATION HOURS. THE FIGURE IS OBTAINED BY MULTIPLYING THE VISITOR ATTENDANCE BY THE AVERAGE DURATION OF THE CONTACT; I.E., THE AVERAGE TIME DEVOTED TO THE TRIP, LECTURE, MUSEUM VISIT, OR USE OF INTERPRETIVE STATIONS.

128897

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DEPARTMENT FOR FEBRUARY 1942

GENERAL

The work of the naturalist staff has been devoted almost entirely this month to activities within the museum, very few field trips having been made. The only public contact work performed was on Montana Day which was held February 22.

The nature study course was instigated in the Mammoth School for the children in the upper grades. This activity will be conducted each week until mid-May.

The ten requests for specimens from Yellowstone National Park by institutions interested in using them for educational purposes have been filled and shipments made to them.

The script for "Plains State Briefs" was reviewed and suggested changes submitted. Also the script for the discussion of Yellowstone National Park in the Encyclopedia Americana was reviewed and suggested changes made.

Administration

Special Activities, conferences:

Several conferences were held during the month in which Mr. A. E. Long, Sanford Hill, J. W. Emmert, and D. L. Condon participated. These dealt primarily with the proposed plans for the museums at West Thumb, Canyon, Mammoth, and the Custer Battlefield National Cemetery.

On the 26th a general staff meeting was held for the purpose of discussing the proposed plans for the Mammoth Museum and Administration building and the general plans for the Mammoth development. This was attended by Mr. Long and Mr. Condon.

Master plan studies, plan and project review:

The plans for the combined museums and administration buildings for Mammoth, Canyon, and West Thumb have been carefully studied during

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DEPARTMENT
FOR
FEBRUARY 1942

GENERAL

The work of the naturalist staff has been devoted almost entirely this month to activities within the museum, very few field trips having been made. The only public contact work performed was on Montana Day which was held February 23.

The nature study course was instigated in the Mammoth School for the children in the upper grades. This activity will be conducted each week until mid-May.

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Administration

Special Activities, conferences:

Several conferences were held during the month in which Mr. A. E. Long, Sanford Hill, J. W. Emmert, and D. L. Condon participated. These dealt primarily with the proposed plans for the museum at West Thumb, Canyon, Mammoth, and the Custer Battlefield National Cemetery.

On the 20th a general staff meeting was held for the purpose of discussing the proposed plans for the Mammoth Museum and administration building and the general plans for the Mammoth development. This was attended by Mr. Long and Mr. Condon.

Master plan studies, plan and project review.

The plans for the combined museums and administration buildings for Mammoth, Canyon, and West Thumb have been carefully studied during

the month and preliminary sketches made on the desired building setup. These have been submitted to Mr. Dorr Yeager for his review and comments, received back in Yellowstone, and are now pending their submission to Region Two headquarters for further action.

Considerable time has been spent by Assistant Park Naturalists Long and Condon in reviewing Custer Battlefield National Cemetery materials preparatory to the preparation of plans for a museum and interpretive program for that area. This work has been done in cooperation with Superintendent E. S. Luce.

Personnel, labor:

C. Max Bauer, Park Naturalist, has been in Death Valley National Monument on special assignment during the entire month of February.

Acting Park Naturalist David Condon was on duty all month except for six hours annual leave taken on February 12.

Assistant Park Naturalist Albert Long was on duty all month except for 1/2 day annual leave taken on February 13.

Clerk Van Cott was on duty all month.

Eighteen of our ranger naturalists were recommended to the Secretary of the Interior for reappointment to their positions for the 1942 season. Two of our ranger naturalists we have not yet been able to satisfactorily determine whether they will be available, and selection has not yet been made for two positions which are definitely vacant. Therefore, a list of ten men has been prepared and these men will be contacted and from this list will be selected the men to fill any vacancies which might occur.

No CCC enrollees were on duty during the month of February at the museum.

STATUS OF RANGER-NATURALIST POSITIONS

Number Approved	Number Filled	Number on Duty
0	0	0

Interpretation

Lectures, Guide Service, and Interpretive Contacts:

On February 19 a nature school for the upper grades of the Mammoth School was started and this program will be conducted each Thursday

the month and preliminary sketches made on the desired building site). These have been submitted to Mr. Tom Yeager for his review and comments, received back in Tallahassee, and are now pending their submission to Region Two headquarters for further action.

Considerable time has been spent by Assistant Park Naturalists Long and Condon in reviewing Parker Rehabilitation National Cemetery materials preparatory to the preparation of plans for a museum and interpretive program for that area. This work has been done in cooperation with Superintendent E. R. Lane.

Personnel Leader:

Mr. Ben Henry, Park Naturalist, has been in Santa Fe Bay National Monument on special assignment during the entire month of February.

Having Park Naturalist David Condon was on duty all month except for six hours annual leave taken on February 17.

Assistant Park Naturalist Albert Long was on duty all month except for 10½ day annual leave taken on February 13.

Clerk Van Dort was on duty all month.

Eighteen of our ranger naturalists were recommended to the Chairman of the Interior for reappointment to their positions for the 1957 season. Two of our ranger naturalists we have not yet been able to satisfactorily determine whether they will be available, and selection has not yet been made for two positions which are definitely vacant. Therefore, a list of ten men has been prepared and three men will be contacted and from this list will be selected the men to fill any vacancies which might occur.

In this excellence were on duty during the month of February of the seasons.

STATUS OF RANGER-NATURALIST PERSONNEL

Number Approved	Number Filled	Number on Duty
8	8	4

Interpretation:

Lectures, Nature Survive, and Interpretive Contacts.

On February 18 a nature school for the upper grades of the Gamut School was started and this program will be conducted each Thursday

The mule deer still reigns as a favorite with all lovers of wildlife.

Photo by Jondon Feb. 9, 1942

afternoon through to May 14th. A copy of the proposed outline of study is attached.

On February 22 Assistant Park Naturalist Albert E. Long contacted those guests going as far as the Buffalo Ranch on Montana. Here we had a 20-power telescope available for observing the game animals in the vicinity.

Statistical Report:

The statistical report for the month of February is attached.

Lectures outside of the park or other extension services:

Mr. George Marler completed his lecture tour with a series of lectures in Southern Wyoming at the close of the month and to date a statistical report on his activities has not yet been received. This will be available next month. The equipment and film loaned to Mr. Marler for his use while on this lecture tour was returned by him to Yellowstone Park on February 28th.

Nature Notes:

The January-February issue of Nature Notes was mailed on February 2nd.

Museum Activities and Exhibits

Progress of exhibit plans and projects:

Assistant Park Naturalist Albert E. Long has continued his work on the revision of the administrative history case in the history and ethnology room and has not yet completed that project.

Much time has been devoted by the staff to the planning of museum exhibit space for West Thumb, Canyon, and the new Mammoth museums. These plans are now ready for submission to Region Two headquarters.

Research and Observation: Staff projects, studies in botany, etc.

Assistant Park Naturalist Albert Long has continued his work on the museum prospectus during the month and has spent considerable time studying about Custer Battlefield National Cemetery area and information pertinent to Yellowstone National Park.

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Statistical Report:

The statistical report for the month of February is attached.

Lectures outside of the park or other attendance services:

Mr. George Darler completed his lecture tour with a series of lectures in Southern Wyoming at the close of the month and to date a statistical report on his activities has not yet been received. This will be available next month. The equipment and file issued to Mr. Darler for his use while on this lecture tour was returned by him to Yellowstone Park on February 20th.

Nature Notes:

The January-February issue of Nature Notes was mailed on February 2nd.

Museum Activities and Exhibits

Progress of exhibit plans and projects:

Assistant Park Naturalist Albert E. Lang has continued his work on the revision of the administrative history made in the history and ethnology room and has not yet completed that project.

Such time has been devoted by the staff to the planning of museum exhibit space for West Thumb, Canyon, and the new Norwich museum. These plans are now ready for submission to Region Two headquarters.

Research and Observation: Staff projects, studies in botany, etc.

Assistant Park Naturalist Albert Lang has continued his work on the museum prospectus during the month and has spent considerable time studying about Custer Northfield National Cemetery area and information pertinent to Yellowstone National Park.

OUTLINE FOR NATURE STUDY

Mammoth School - 1942

A course in Nature Study has been planned to be given to the Seventh and Eighth grade pupils of the Mammoth School. This class will be given on the dates designated. The subject matter for study will be as listed for the given dates. The instructor for the afternoon's work is shown. Older persons of the community may attend these classes if they desire and it is planned that assignments will be made for study by those taking the course so that they will be better prepared to participate in the ensuing week's activity.

Date	Title	Instructor
Feb. 19	Indian History	Condon
Feb. 26	Geography of Yellowstone	Long
March 5	Continuation of the Geography and the Geology of Yellowstone	Long
March 12	History of White Man's influence on Yellowstone	Condon
March 19	Insects Common to Yellowstone	Long
March 26	Yellowstone Fish and their Habits	Condon
April 2	Temperature and its influence in nature	Long
April 9	Trees and shrubs of Yellowstone	Condon
April 16	Animals and Birds of Yellowstone	Long
April 23	Exploring the Mammoth Hot Spring terraces	Condon
April 30	Exploring in the Norris Geyser Basin	Long
May 7	Exploring along the Gardiner River Banks	Condon
May 14	All day trip to explore the Lamar Valley area	Condon and Long

During the past month many mule deer have been trapped in the Mammoth elk trap and trucked to the Lamar Valley where they have been released.

Photo by Condon Feb. 9, 1962

Library Activities:

Books in circulation.	10
Books received during February. . . .	18
Indefinite loan of books.	1
Pamphlets received in February. . . .	7
Magazines received in February. . . .	20

Natural History Association Activities:

The dead line for applications for the Fellowship in Geology offered by the Yellowstone Library and Museum Association was February 1st and on that date only one application had been received. With this unfavorable response the Association has deemed it advisable to refrain from granting the Fellowship since there was no competition.

A number of books have been purchased for the Yellowstone Library during the month.

Photographic and other visual aids:

One hundred kodaslides were loaned to Mount Rainier National Park for use in their interpretive work with the United States Army troops stationed there.

During the month all kodaslides have been bound and properly filed in our kodaslide case, and a complete index prepared to this file. An inventory shows that we have on hand 1738 kodaslides which are deemed suitable for use in our interpretive work.

The 1941 negative file has been completed to date and all photographic prints are now ready for filing in the albums in the museum.

The work done in the darkroom consists of the development of ten 4 x 5 cut film, the printing of 16 8x10 enlargements, 15 4x5 contact prints, 5 4x5 enlargements, and 2 8x10 contact prints. One roll of K-135 was exposed during the month and 200 feet of out-dated black and white 16 mm movie film.

PROPOSED OUTLINE OF WORK FOR MARCH 1942

Duplicate prints of all negatives for which prints are not available will be made and placed in the album files and all 1941 prints will be properly filed.

All clippings which have accumulated since the spring of 1941 will be filed in the clippings scrap books in the library.

Library Activities:

Books in circulation.	10
Books received during February. . . .	15
Indefinite loan of books.	3
Pamphlets received in February. . . .	7
Magazines received in February. . . .	20

Natural History Association Activities:

The deed line for applications for the Fellowship in Geology offered by the Yellowstone Library and Museum Association and February 1st and on that date only one application had been received. With this unfavorable response the Association has deemed it advisable to refrain from granting the Fellowship since there was no competition.

A number of books have been purchased for the Yellowstone Library during the month.

Photographic and other visual aids:

One hundred kodaslides were loaned to Great Sainter National Park for use in their interpretive work with the United States Army troops stationed there.

During the month all kodaslides have been found and properly filed in our kodaslide case, and a complete index prepared to this file. An inventory shows that we have on hand 1735 kodaslides which are deemed suitable for use in our interpretive work.

The 2541 negative file has been completed to date and all photographic prints are now ready for filing in the slides in the museum.

The work done in the darkroom consists of the development of two 4 x 5 cut film, the printing of 16 5x10 enlargements, 19 4x5 contact prints, 5 4x5 enlargements, and 6 6x10 contact prints. One roll of E-135 was exposed during the month and 2[illegible] feet of cut-dated black and white 16 mm movie film.

PROPOSED COURSE OF WORK FOR MARCH 1942

Duplicate prints of all negatives for which prints are not available will be made and placed in the slide files and all 1942 prints will be properly filed.

All slippings which have accumulated since the survey of 1941 will be filed in the slippings scrap books in the library.

The recommendations for the remaining four ranger naturalist positions will be submitted before the 5th of March.

Assistant Park Naturalist Long will continue his work on the museum prospectus and several exhibit cases in the Mammoth Museum will be cleaned out and the exhibit labels remounted.

As much time as possible will be devoted to the preparation of enlargements from the better negatives on file.

Assistant Park Naturalist Condon will work on the comparative anatomy study which he has been making with reference to the Trumpeter and Whistling Swans.

Assistance will be given to Superintendent E. S. Luce in the preparation of a text for the 16 page booklet on Custer Battlefield National Cemetery and also in the preparation of plans for a museum to be constructed in this area.

It is hoped that there will be time available for a number of field trips for the purpose of taking photographs to be used as illustrative material in our interpretive work and to make field observations which have been neglected materially of late.

The routine work of correspondence, kodaslide binding, and general filing will be carried on during the month.

Respectfully submitted,

David De. L. Condon,
Acting Park Naturalist.

Director (Russell)
Region II
Bumpus
Museum
DDC:LVC

The recommendations for the remaining four major motivation positions will be completed before the end of March.

Generally they Motivation Comp will indicate the ways in the manner presented and several points remain to the Motivation Comm will be discussed and not the material finally presented.

In each case the positions will be sketched in the presentation of enlargements from the Motivation Committee on file.

Materials for Motivation Committee will work on the supervision Motivation study which is far been worked with technique of the Training and Motivation Comm.

Indications will be given to supervisement of, in lieu of the presentation of a book for the 15 min Motivation on Senior Motivation Motivation Committee and also in the preparation of plans for a Motivation to be constructed in this area.

It is hoped that these meets will be time available for a number of field trips for the purpose of Motivation Committee to be used in in-Motivation material in our Motivation work and in some field in-Motivation which have been implemented materially of late.

The routine work of correspondence, note-like Motivation, and general filing will be carried on during the month.

Respectfully submitted,

Motivation Committee,
Motivation Committee

Chairman (Signed)
Eugene H
Eugene
Steven
Dorothy

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS

Yellowstone National Park
Name of Area

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	2	1	
Temporary			

February
Month
1942
Year

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
Auto Caravans				
Hiking Trips				
Ruins				
*				
*List other types Total			XXXX	
LECTURES				
Campfire				
Hotel or Lodge				
Museum				
Outside of Park				
Special** **Montana Day, Feb. 22**	1	86	4 min.	5.7
**Includes all other types Total			XXXX	
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station				
List by name and type			XXXX	
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
List by name and type			XXXX	

BROADCASTS

Station	Subject

Total Contacts 86
Total V.P.H. 5.7
Total Visitors 768

Name
Title **Acting Park Naturalist**

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

* AVERAGE DURATION OF ACTIVITY.

** THIS COLUMN REPRESENTS VISITOR PARTICIPATION HOURS. THE FIGURE IS OBTAINED BY MULTIPLYING THE VISITOR ATTENDANCE BY THE AVERAGE DURATION OF THE CONTACT; I.E., THE AVERAGE TIME DEVOTED TO THE TRIP, LECTURE, MUSEUM VISIT, OR USE OF INTERPRETIVE STATIONS.

128897

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DIVISION FOR MARCH 1942

GENERAL

Park Naturalist Bauer returned to duty in Yellowstone on March 9th, having been gone from the Park since December 11th.

Assistant Park Naturalist Condon supervised the work of the Naturalist Division during the absence of the Park Naturalist.

The work during the month of March was concerned with preparation of exhibits for the Artist Point Field Exhibit, the editing and preparation of material for Nature Notes, the plans for distribution and work of the summer staff, special correspondence, and the preparation of a manuscript on "Behind the Scenery in Yellowstone National Park."

Administration

Special Activities, conferences:

One division head conference was held on March 19 during which the setup of the messes and meal changes were discussed. Considerable discussion on saving tires and various other economies took place.

The Park Naturalist had a number of conferences with Acting Superintendent Emmert, Assistant Park Naturalists Condon and Long, and Chief Ranger LaNoue.

Master plan studies, plan and project review:

The Park Naturalist reviewed with Condon and Long the plans which have been made for museum and information facilities at Canyon, West Thumb, and Headquarters. Considerable progress has been made this winter on these plans. During the latter part of the month we concentrated on the preparation of a plan for a field exhibit at Artist Point. The general outline of this plan has been submitted to the Branch of Interpretation and tentatively approved. When the detailed plans are completed we will submit the material through the Regional Office for review and comments.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DIVISION
FOR
MARCH 1942

GENERAL

Park Naturalist Sames returned to duty in Yellowstone on March 9th, having been gone from the Park since December 11th.

Assistant Park Naturalist Condon supervised the work of the Naturalist Division during the absence of the Park Naturalist.

The work during the month of March was concerned with preparation of exhibits for the Artist Point Field Exhibit, the editing and preparation of material for Nature Notes, the plans for distribution and work of the summer staff, special correspondence, and the preparation of a manuscript on "Behind the Scenery in Yellowstone National Park."

Administration

Special Activities, conferences:

One division head conference was held on March 19 during which the setup of the messes and meal changes were discussed. Considerable discussion on saving tires and various other economies took place.

The Park Naturalist had a number of conferences with Acting Superintendent Emmert, Assistant Park Naturalists Condon and Lowe, and Chief Ranger LaNoue.

Summer plan studies, plans and project review:

The Park Naturalist reviewed with Condon and Lang the plans which have been made for museum and information facilities at Canyon, West Thumb, and Headquarters. Considerable progress has been made this winter on these plans. During the latter part of the month we concentrated on the preparation of a plan for a field exhibit at Artist Point. The general outline of this plan has been submitted to the Branch of Interpretation and tentatively approved. When the detailed plans are completed we will submit the material through the Regional Office for review and comments.

During the first week of March, Assistant Park Naturalist Condon in conference with Superintendent Luce of Custer Battlefield National Cemetery rewrote the 16-page booklet on this monument. The manuscript has been submitted for approval through regular channels.

Personnel, labor:

Park Naturalist Bauer left Death Valley National Monument on March 5th and arrived at headquarters on the evening of March 7th returning to work in Yellowstone Park on March 9th. He continued on duty throughout the month with the exception of 1-1/2 days of annual leave on March 20-21 and 1-1/2 days of sick leave on March 25-26.

Assistant Park Naturalist Condon was on duty during the month up until March 21 at which time he began annual leave for about a month. He took two hours of annual leave on the 14th.

Assistant Park Naturalist Long was on duty all month except 1/2 day annual leave on March 28, and one day on March 3rd.

Clerk LeRoy Van Cott was on duty all month except 1 day sick leave on March 27th.

No CCC enrollees were used at the museum during the month.

STATUS OF RANGER-NATURALIST POSITIONS

Number Approved	Number Filled	Number on Duty
22	21	0

Maintenance, New Construction and Improvements (Exclusive of Museum Projects):

The comfort stations under the front of the headquarters museum at Mammoth are practically complete except for the installation of toilet bowls and painting.

Interpretation

Lectures, Guide Service, and Interpretive Contacts:

The nature school for the upper grades of the Mammoth School was carried on throughout the month on Thursday of each week at which time one of the permanent staff gave a talk and demonstration of some particular subject on natural history for the school children.

During the first week of March, Assistant Park Naturalist Dunlop in conference with Superintendent Lane of Sheriff Battlefield National Cemetery rewrote the 16-page booklet on this monument. The manuscript was been submitted for approval through regular channels.

Personnel, Labor:

Park Naturalist Moss left Death Valley National Monument on March 5th and arrived at headquarters on the evening of March 7th returning to work in Yellowstone Park on March 7th. He remained on duty throughout the month with the exception of 1-1/2 days of annual leave on March 20-21 and 1-1/2 days of sick leave on March 25-26.

Assistant Park Naturalist Dunlop was on duty during the month up until March 27 at which time he began annual leave for about a month. He took two hours of annual leave on the 11th.

Assistant Park Naturalist Long was on duty all month except 1/2 day annual leave on March 23, and one day on March 30.

Clerk Lahey has lots was on duty all month except a day sick leave on March 27th.

No CCC enrollees were used on the monument during the month.

STATUS OF EMERGENCY-NATURALIST POSITIONS

Number Approved	Number Filled	Number on Duty
22	21	2

Maintenance, Use Construction and Improvements (Inclusive of Human Projects):

The comfort stations under the Grant of the headquarters museum at Kenneth are practically complete except for the installation of toilet bowls and painting.

Interpretation:

Lectures, Guide Service, and Interpretive Exhibits:

The nature exhibit for the upper grades of the Kenneth School was carried on throughout the month on Thursday of each week at which time one of the personnel staff gave a talk and demonstration of some particular subject on natural history for the school children.

On March 16 Assistant Park Naturalist Condon gave a talk to the Gardiner Parent Teachers Association on Yellowstone Park illustrating it with kodaslides.

Statistical Report:

The statistical report for the month of March is attached.

Nature Notes:

March 1st marks the 70th anniversary of the establishment of Yellowstone National Park and therefore the March-April number of Yellowstone Nature Notes is devoted to historical sketches and call attention to the 70-year period since the creation of the Park. 788 copies were mailed out on the last day of the month.

Museum Activities and Exhibits:

As given in the general statement above, the Park Naturalist and Assistant Park Naturalist Long devoted considerable time to the preparation of material, sketches, and label copy for the Artist Point exhibit. Other plans were reviewed and discussed with Mr. Long.

Library Activities:

Books in circulation.	4
Books received during March	4
Indefinite loan of books.	0
Pamphlets received in March	10
Magazines received in March	17

Natural History Association Activities:

Plans have been completed for the employment of Miss Susann Fry and an assistant to carry on the project of re-working the herbarium. This service will be paid for from funds of the Yellowstone Library and Museum Association.

Due to the fact that only one application for the Fellowship in Geology was received, we have decided to call off the granting of the Fellowship this year.

The manuscript on the history project carried on last summer by Mr. Sidney Barsky has not yet been received. Hence no definite report can be made at this time.

On March 15 Assistant Park Naturalist Lawler gave a talk to the Northern Forest Teachers Association on Yellowstone Park Illustrations, in with Embellishes.

Statistical Report:

The statistical report for the month of March is attached.

Nature Notes:

March 1st marks the 75th anniversary of the establishment of Yellowstone National Park and therefore the March-April number of Yellowstone Nature Notes is devoted to historical statistics and will attention to the 70-year period since the creation of the Park. 700 copies were mailed out on the Last Day of the month.

Museum Activities and Exhibits:

As given in the general statement above, the Park Naturalist and Assistant Park Naturalist long devoted considerable time to the preparation of material, statistics, and label copy for the Artist Point exhibit. Other plans were reviewed and discussed with Mr. Lang.

Library Activities:

Books in circulation.	1
Books received during March	1
Indefinite loan of books.	2
Pamphlets received in March	12
Magazines received in March	17

Natural History Association Activities:

Plans have been completed for the employment of Miss Susan Fry and an assistant to carry on the project of recording the herbarium. This service will be paid for from funds of the Yellowstone Library and Museum Association.

Due to the fact that only one application for the Fellowship in Geology was received, we have decided to call off the granting of the Fellowship this year.

The manuscript on the history project carried on last summer by Mr. Aldrey Darsky has not yet been received. Books on definite report may be made of this item.

PROPOSED OUTLINE OF WORK FOR APRIL 1942

The proposed work on printing duplicates of all negatives now in the files has not been carried forward during the month of March. It is hoped that time will be available for carrying on this work in April although we have two members of the staff who will be on vacation most of the month.

Inasmuch as there will probably be some reduction in the ranger naturalist staff this coming season plans for the summer program may have to be revised considerably and sometime is expected to be devoted to this subject.

Mr. Long will continue his work on the Artist Point Exhibit and Park Naturalist Bauer will work on the manuscript dealing with Yellowstone geology and also devote some time to a new list of Place Names to be submitted for approval.

One to two hours each day is devoted to correspondence referred to this Division for reply or for information.

Respectfully submitted,

C. Max Bauer,
Park Naturalist.

Director (Russell)
Region II
Bumpus
Museum
CMB:LVC

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS

Yellowstone National Park
Name of Area

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	2	1	
Temporary			

March
Month
1942
Year

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
Auto Caravans				
Hiking Trips				
Ruins				
*				
*List other types Total			XXXX	
LECTURES				
Campfire				
Hotel or Lodge				
Museum				
Outside of Park				
Special**				
**Includes all other types Total			XXXX	
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station				
List by name and type			XXXX	
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
List by name and type			XXXX	

BROADCASTS

Station	Subject

Total Contacts None
Total V.P.H. None
Total Visitors 587

Name Dwight Brown
Title Park Naturalist

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

* AVERAGE DURATION OF ACTIVITY.

** THIS COLUMN REPRESENTS VISITOR PARTICIPATION HOURS. THE FIGURE IS OBTAINED BY MULTIPLYING THE VISITOR ATTENDANCE BY THE AVERAGE DURATION OF THE CONTACT; I.E., THE AVERAGE TIME DEVOTED TO THE TRIP, LECTURE, MUSEUM VISIT, OR USE OF INTERPRETIVE STATIONS.

128897

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYO.

FICE OF THE SUPERINTENDENT

REPORT OF THE NATURALIST DIVISION
FOR
APRIL 1942

GENERAL

Plans were made during April to adjust the program of the Naturalist Division to the reduced number of ranger naturalists which this year is set at 16 - that is, we have a reduction of six below the force of last year.

The mild weather during April made it possible to make a couple of field trips to plan for foot paths, roads, field exhibits, and other matters in connection with Landscape Architect Sanford Hill. Further work might have been done along this line but the necessity for saving rubber shifted the emphasis to office work instead of in the field.

Field photography will also be much less this year than last although we now have a project to prepare kodaslides of historical pictures and lantern slides which we have in the files.

No pre-season trip is planned for this season. Instead training will be given in civilian defense activities.

Administration

Special Activities, conferences:

Numerous conferences were held between the Park Naturalist, Assistant Superintendent, and the Superintendent. A general conference of division heads was held on April 9th dealing with personnel problems. Another general conference was held on April 18th.

Master plan studies, plan and project review:

Assistant Park Naturalist Long has carried forward his plans for the Artist Point Exhibit and has them practically finished.

The museum prospectus has been held in abeyance on account of other duties which are of more immediate importance.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYO.

REPORT OF THE NATURALIST DIVISION
FOR
APRIL 1956

GENERAL

Those were made during April to adjust the program of the Naturalist Division to the reduced number of ranger naturalists which this year is not at 26 - that is, we have a reduction of six below the force of last year.

The mild weather during April made it possible to make a sample of field helps to plan for fuel paths, roads, field mobility, and other matters to connection with landscape treatment Seaford Hill. Further work might have been done along this line but the necessity for seeing rather shifted the emphasis to office work instead of in the field.

Field photography will also be much less this year than last although we now have a project to prepare transitions of historical pictures and lantern slides which we have in the files.

No processes trip is planned for this season. Instead training will be given in stellion defense activities.

Administration

Special activities, conferences.

Numerous conferences were held between the Park Naturalist, Assistant Superintendent, and the Superintendent. A general conference of division heads was held on April 9th dealing with personnel problems. Another general conference was held on April 16th.

Master plan studies, plan and project review.

Assistant Park Naturalist Long has carried forward his plans for the Artist Point Exhibit and has been practically finished.

The Museum prospectus has been held in abeyance on account of other duties which are of more immediate importance.

Personnel, labor:

Park Naturalist Bauer was on duty all month except annual leave from April 3rd to April 6th inclusive.

Assistant Park Naturalist Condon was on annual leave from the first to the 26th inclusive.

Assistant Park Naturalist Long was on duty all month.

Clerk Van Cott was on annual leave from April 6th to the 26th.

Stenographic help was secured for two half days during the early part of April from Mr. Joffe's office.

No CCC enrollees were used at the museum during the month.

STATUS OF RANGER-NATURALIST POSITIONS

Number Approved	Number Filled	Number on duty
16	16	0

Maintenance, New Construction and Improvements (Exclusive of Museum Projects):

The comfort stations under the front of the headquarters museum at Mammoth have been painted and further work is going on at the present time although the installation of toilet bowls has not yet been made.

Interpretation

Lectures, Guide Service, and Interpretive Contacts:

The nature study class for the Mammoth school was carried on throughout the month. Three lectures were given and two field trips were made for the 12 pupils which amounted to 144 visitor participation hours. This work was carried on by Assistant Park Naturalist Long and Park Naturalist Bauer.

Statistical Report:

The statistical report for the month of April is attached.

Nature Notes:

780 copies of Nature Notes were mailed out on April 2nd.

Personnel, Labor:

Park Naturalist Dunn was on duty all month except annual leave from April 3rd to April 6th inclusive.

Assistant Park Naturalist Gordon was on annual leave from the first to the 26th inclusive.

Assistant Park Naturalist Lang was on duty all month.

Clerk Van Dobb was on annual leave from April 6th to the 25th.

Stenographic help was secured for two half days during the early part of April from Mr. Jeffers office.

No CCC enrollees were used at the camps during the month.

STATUS OF LANDER-NATURALIST POSITIONS

Number Approved	Number Filled	Number on duty
15	15	6

Maintenance, New Construction and Improvements (Exclusive of Lessons Projects):

The Comfort stations under the front of the headquarters mission at Hammond have been painted and further work is going on at the present time although the installation of toilet seals has not yet been made.

Interpretation

Lectures, Guide Service, and Interpretive Contacts:

The nature study class for the Hammond school was carried on throughout the month. Three lectures were given and two field trips were made for the 12 pupils which amounted to 111 visitor participation hours. This work was carried on by Assistant Park Naturalist Lang and Park Naturalist Dunn.

Statistical Report:

The statistical report for the month of April is attached.

Nature Notes:

700 copies of Nature Notes were mailed out on April 3rd.

An error was made on the first article in which it was stated that Yellowstone became a National Park on march 4th, 1872. This should be of course March 1, 1872.

Several discussions have been had with the Superintendent on the continuance of Nature Notes. It is hoped that plans can be worked out whereby the Yellowstone Library and Museum Association can carry on Nature Notes even if it is reduced in size and placed on a subscription basis. It is expected that a meeting of the Directors of the Association will be held early in May to discuss this and other problems.

Museum Activities and Exhibits:

The Beaver Exhibit in Willow Park has been renovated and is now ready to be put back in place.

Complete detailed plans of the Artist Point Exhibit will be sent in for approval in the next few days.

Library Activities:

The library activities are as follows:

Books in circulation.	4
Books received during April..	3
Indefinite loan of books.	2
Pamphlets received in April..	12
Magazines received in April..	19

Photographic and Other Visual Aids:

Assistant Park Naturalist spent two days in the dark room on photographic work. The following work was accomplished: (16 hours used)

14 enlargements, 11 x 14
20 enlargements, 5 x 7
37 enlargements, 8 x 10
86 contact prints, 4 x 5
60 ad type prints, 4 x 5

PROPOSED OUTLINE OF WORK FOR MAY, 1942

The Naturalist Division has been given the civilian defense job connected with hospitilization and first aid. Furthermore, in May the standard first aid course is to be given by the naturalists and it is expected that more than 40 persons will take this course.

An error was made on the first article in which it was stated that Yellowstone became a National Park on March 1[illegible], 1872. This should be of course March 1, 1872.

General discussions have been had with the Superintendent on the continuance of Nature Notes. It is hoped that plans can be worked out whereby the Yellowstone Library and Museum Association can carry on Nature Notes even if it is reduced in size and placed on a subscription basis. It is expected that a meeting of the Directors of the Association will be held early in May to discuss this and other problems.

Museum Activities and Exhibits:

The Beaver Exhibit in Willow Park has been renovated and is now ready to be put back in place.

Complete detailed plans of the artist Paint Exhibit will be sent in for approval in the next few days.

Library Activities:

The library activities are as follows:

Books in circulation.	1
Books received during April.	3
Indefinite loan of books.	7
Pamphlets received in April.	10
Magazines received in April.	20

Photographic and Other Visual Aids:

Assistant Park Naturalist spent two days in the Park room on photographic work. The following work was accomplished: (16 hours each)

11 enlargements, 11 x 14
20 enlargements, 5 x 7
17 enlargements, 8 x 10
65 contact prints, 4 x 5
60 ad type prints, 4 x 5

SUMMARY OUTLINE OF WORK FOR MAY, 1942

The Naturalist Division has been given the airline dataset yet connected with hospitalization and first aid. Furthermore, in May the shepherd first aid course is to be given by the naturalists and it is expected that more than 40 persons will take this course.

The Naturalist Division will also take part in the instructors' school for fire prevention and suppression which will be given in Yellowstone May 18 to the 23rd inclusive.

In addition to the above it is expected that considerable time will have to be devoted to making plans for a summer program which will leave out auto caravans and substitute hikes of various kinds.

The Park Naturalist has completed his first copy of the paper on Yellowstone geology entitled "Behind the Scenery" and with the assistance of Mr. Long expects to do a number of illustrations in line drawings.

Respectfully submitted,

C. Max Bauer

C. Max Bauer,
Park Naturalist.

Director (Russell)
Region Two
Bumpus
Museum
CMB:LVC

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS

Yellowstone National Park
Name of Area

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	2	1	
Temporary			

April
Month

Year

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
Auto Caravans				
Hiking Trips				
Ruins				
*				
*List other types Total			XXXX	
LECTURES				
Campfire				
Hotel or Lodge				
Museum				
Outside of Park				
Special**				
**Includes all other types Total			XXXX	
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station				
List by name and type			XXXX	
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
List by name and type			XXXX	

BROADCASTS

Station	Subject

Total Contacts None
Total V.P.H. None
Total Visitors 1,669

Name Oliver Barron
Title Park Naturalist

AIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE HE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

AVERAGE DURATION OF ACTIVITY.

THIS COLUMN REPRESENTS VISITOR PARTICIPATION HOURS. THE FIGURE IS OBTAINED BY MULTIPLYING THE VISITOR TTENDANCE BY THE AVERAGE DURATION OF THE CONTACT; I.E., THE AVERAGE TIME DEVOTED TO THE TRIP, LECTURE, USEUM VISIT, OR USE OF INTERPRETIVE STATIONS.

128897

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Yellowstone Park, Wyoming

REPORT OF THE NATURALIST DIVISION FOR MAY 1942

GENERAL

During the month of May the naturalist staff spent some time in preparing new programs for each of the stations for this coming season. Auto caravans are not listed this year. Several all-day hikes and evening walks have been placed on the program instead of caravans.

Due to war time it will not be possible to show pictures in the amphitheatres this season, therefore arrangements are being made to use the government canteen at Mammoth and the recreational halls in the Park where that is possible through the courtesy of the Yellowstone Park Company.

The week of May 18 to May 23 inclusive was utilized by Park Naturalist Bauer and Assistant Park Naturalist Condon to attend the Defense Training School sponsored by the National Park Service in Yellowstone Park.

Assistant Park Naturalist Albert Long spent five nights early in May travelling to Livingston and securing his instructor's card for the Red Cross First Aid Course. Beginning May 7th a course was given to 30 people here at Mammoth by Mr. Long and 28 of these will receive their standard First Aid cards in the near future. This work was all given at night and involved considerable extra time.

Special stickers were prepared by Mr. Long to be used in a project to mark all files and property in each government building on a salvage priority basis in case of fire. The stickers are to be placed on the front of the cabinet and they will say "Fire - Save First" for those that have first priority, and "Fire - Save Second" for those that have second priority, and so on.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Yellowstone Park, Wyoming

MONTHLY OF THE DETERMINED SERVICE
FOR
MAY 1964

GENERAL

During the month of May the Naturalist Staff spent some time in preparing new programs for each of the stations for this coming season. Some elements are not listed this year. General all-day hikes and evening walks have been placed on the program instead of warnings.

Due to war time it will not be possible to show pictures in the amphitheatres this season. Interpretive arrangements are being made to use the government sandwich at Mammoth and the recreational lands in the Park where that is possible through the courtesy of the Yellowstone Park Company.

The week of May 18 to May 23 inclusive was utilized by Park Naturalist Senior and assistant Park Naturalist Chauns to attend the Defense Training School sponsored by the National Park Service in Yellowstone Park.

Assistant Park Naturalist Albert Long spent five nights early in May travelling to Livingston and assuming the Instructor's Card for the Red Cross First Aid Course. Beginning May 7th a course was given to 30 people here at Mammoth by Mr. Long and 40 of these will receive their standard First Aid Cards in the near future. This work was all given at night and involved considerable extra time.

Special stickers were prepared by Mr. Long to be used in a project to mark all files and property in such government building as a salvage priority basis in case of fire. The stickers are to be placed on the front of the cabinet and they will say "Fire - Save First" for those that have first priority, and "Fire - Save Second" for those that have second priority, and so on.

Large posters were prepared to advertise the booklet "Yellowstone Fishes."

Mr. Long has also served as Chairman of the School Board the last term and has given considerable extra time to those duties.

Assistant Park Naturalist Condon is engaged in preparing a set of books for the Yellowstone Library and Museum Association. Previous accounts were kept by writing daily expenditures and receipts in a journal and sending the treasurer a written payment request for any amount needed to cover the bills. This very simple system did not carry an accurate list of assets and liabilities nor did it show profit and loss. Our new set of books will cover all important items so that tax returns can be made although at present the Yellowstone Library and Museum Association does not pay taxes but an income report to the Treasurer is necessary.

Administration

Special Activities, conferences

Several conferences were held with the Superintendent and also with the Chief Ranger to prepare for training of the employees for this coming season.

Personnel, labor

Park Naturalist Bauer was on duty all month.

Assistant Park Naturalist Condon was on duty all month.

Assistant Park Naturalist Long was on duty all month except 1/2 day of annual leave on May 16.

Clerk Van Cott was on duty all month except 1 day of sick leave on the 7th and 2 hours of annual leave on the 16th.

No CCC enrollees were used at the museum during the month.

STATUS OF RANGER-NATURALIST POSITIONS

Number Approved	Number Filled	Number on Duty
16	16	1

Ranger Naturalist George Marler came on duty on June 16 and was stationed at Old Faithful museum for the remainder of the summer.

Large posters were prepared to advertise the booklet "Yellowstone Fishes."

Mr. Lang has also served as chairman of the Annual Board the last term and has given considerable extra time to these duties.

Assistant Park Naturalist Condon is engaged in preparing a set of books for the Yellowstone Library and Museum Association. Previous accounts were kept by writing daily expenditures and receipts in a journal and sending the treasurer a written payment request for any amount needed to cover the bills. This very simple system did not carry an accurate list of assets and liabilities nor did it show profit and loss. Our new set of books will cover all important items so that the returns can be made although it present the Yellowstone Library and Museum Association does not pay taxes but an income report to the Treasurer is necessary.

Administration

Special Activities, conferences

Several conferences were held with the Superintendent and also with the Chief Ranger to prepare for training of the employees for this coming season.

Personnel, labor

Park Naturalist Sumner was on duty all month.

Assistant Park Naturalist Condon was on duty all month.

Assistant Park Naturalist Lang was on duty all month except 1/2 day of annual leave on day 16.

Clark Van Dyke was on duty all month except 1 day of sick leave on the 7th and 2 hours of annual leave on the 10th.

No CCC enrollees were used at the museum during the month.

STATUS OF LANGER-NATURALIST POSITIONS

Number Approved	Number Filled	Number on Duty
25	16	1

Langer Naturalist George Harley was on duty on June 26 and was stationed at Old Faithful museum for the remainder of the summer.

Instructor Jack Barrows lecturing to trainees on forest fire protection

Photo by Condon May 22, 1948

Interpretation

Lectures, Guide Service, and Interpretive Contacts:

The Nature Study course for the Mammoth school children was carried on until the 7th of May. The final trip to be made had been planned for the Lamar Valley but cars were not available to make this trip. Hence the school ended on the 7th of May instead of the 14th.

Statistical Report:

The statistical report for the month of May is attached.

Nature Notes:

At a meeting of the Board of Directors of the Yellowstone Library and Museum Association held on May 7 it was decided that one more issue of Nature Notes should be sponsored by the Yellowstone Library and Museum Association. It should be prepared and mailed to the present mailing list so as to inform them of the discontinuance of the publication.

Yellowstone Nature Notes has been in continuous publication since June 1924. As early as June 1920 Superintendent Albright had encouraged the publication of Nature Notes and from time to time the Park Naturalist at that time put out mimeographed sheets of important information collected by him or his associates. For practically 20 years it has been a National Park Service project in Yellowstone and it is with regret that we must give it up at this time.

The last issue for the duration of the war will be mailed out early in June, expenses and postage being supplied by the Yellowstone Library and Museum Association.

Museum Activities and Exhibits:

Progress of exhibit plans and projects

The beaver exhibit has again been installed in Willow Park.

Plans have gone to the regional and national headquarters on Artist Point Exhibit.

Interpretation

Lectures, Guide Service, and Interpretive Contacts:

The Nature Study course for the Mammoth school children has carried on until the 7th of May. The final trip to the ranch had been planned for the Lamar Valley but rains were not available to make this trip. Unless the school ended on the 7th of May instead of the 11th.

Statistical Report:

The statistical report for the month of May is attached.

Nature Notes:

As a meeting of the Board of Directors of the Yellowstone Library and Museum Association held on May 7 it was decided that the more issue of Nature Notes should be sponsored by the Yellowstone Library and Museum Association. It should be prepared and mailed to the present mailing list so as to inform them of the discontinuance of the publication.

Yellowstone Nature Notes has been in continuous publication since June 1924. As early as June 1927 Superintendent Albright had encouraged the publication of Nature Notes and from time to time the Park Naturalist at that time put out mimeographed sheets of important information collected by him or his associates. Not practically 20 years it has been a national Park Service project in Yellowstone and it is with regret that we must give it up at this time.

The last issue for the duration of the war will be mailed not early in June, expenses and postage being provided by the Yellowstone Library and Museum Association.

Museum Activities and Exhibits:

Progress of exhibit plans and projects

The beaver exhibit has again been installed in Miller Park.

Plans have gone to the regional and national headquarters on Artist Point Exhibit.

Loans, gifts, and accessions of exhibits, study material, or equipment, and the disposition thereof.

During the last part of the month Mrs. Isabel Haynes donated to the Yellowstone Park museums a fossil fish from Tertiary deposits of western Wyoming. This fossil fish was collected by Mrs. Hayne's father, Dr. J. H. Naeurth.

Research and Observation

Since Ranger Naturalist Marler has been on duty in the Upper Geyser Basin he has been observing the geysers and has written a short report on their present activity. This can be used by the naturalists in giving information to the public.

Library Activities:

The library activities are as follows:

Books in circulation.	6
Books received during May	13
Indefinite loan of books.	1
Pamphlets received in May	12
Magazines received in May	18

Natural History Association Activities

During the month the Association had repaired a Weston light meter which cost $1.50.

Several books were purchased including a set of four volumes of the Lewis and Clark Expedition to the Pacific Ocean, 1804-1806 - Elliott Coues edition, 1893, $37.50.

Photographic and Other Visual Aids:

One roll of kodachrome was exposed during the month.

Dark room work accomplished during the month is as follows:

40 - 8 x 10 enlargements made
2 rolls of 35 mm film developed

The above work was done by Assistant Park Naturalist Condon.

Loans, gifts, and accessions of exhibits, stock, material, or equipment, and the disposition thereof.

During the last part of the month Mrs. Isabel Bayes donated to the Tallahassee Park museum a fossil fish from Hathaway Sub-pointe of western Wyoming. This fossil fish was collected by Mrs. Bayes's father, Dr. J. E. Kenneth.

Research and Observation

Diane Hunger Naturalist Senior has been on duty in the Upper Bayes Bank he has been observing the gaiters and has written a short report on their present activity. This can be used by the naturalists in giving information to the public.

Library activities.

The library activities are as follows:

Books on circulation.	8
Books received during May	15
Indefinite loan of books.	1
Pamphlets received in May	12
Magazines received in May	48

Natural History association activities

During the month the association had repaired a Master Copy water which cost $1.50.

Several books were purchased including a set of four volumes of the Lewis and Clark Expedition in the Pacific Ocean, 1804-1806 Elliott Coues edition, 1893, $30.50.

Photographic and other Visual aids.

The roll of bookstrips was exposed during the month.

Work room work accomplished during the month is as follows:

1[illegible] - 8 x 17 enlargements made
4 rolls of 35 mm film developed

The above work was done by assistant Park Naturalist Senior.

Trainees using the progressive step up method of fire trench construction

Photo by Condon May 22, 1942

PROPOSED OUTLINE OF WORK FOR JUNE

Park Naturalist Bauer has been named coordinator for employees' training and plans are already made for training practically all of the government employees and CCC enrollees in forest fire fighting, first aid, building fires, law enforcement, and civilian protection. The courses will also be available for operators' employees. It is not possible to begin these courses before most of the temporaries are on duty and therefore the actual teaching will begin about the 16th or 17th of June. The program as planned is thorough and will occupy the time of a number of men for several weeks. Besides it will take considerable time of the regular employees from their official duties. However, it is so planned that about 50% of the time devoted to training will be on evenings and off duty hours. In this work the ranger naturalists who are prepared to give first aid training or other courses will be used.

The opening of all the museums on June 16 and the starting of the naturalist activities at that time will keep everyone fully occupied.

Respectfully submitted,

C. Max Bauer,
Park Naturalist.

Director (Russell)
Region II
Bumpus
File
Museum
CMB:LVC

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS IN SCENIC OR SCIENTIFIC AREAS

Yellowstone National Park
Name of Area

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	2	1	
Temporary	1		

May
Month
1942
Year

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
Auto Caravans				
Hiking Trips (Old Faithful)	1	26	1-1/2 hr	39
Ruins				
*				
*List other types Total	1	26	XXXX	39
LECTURES				
Campfire				
Hotel or Lodge				
Museum				
Outside of Park				
Special**				
**Includes all other types Total			XXXX	
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station				
Yellowstone Museums (Old Faithful Museum)		500	3"	25
Old Faithful Cone Count (Talk)		600	10"	100
Old Faithful Geyser Basin Contacts		144	5"	12
List by name and type			XXXX	
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
Beaver Field Exhibit		3453	5"	288
Obsidian Cliff Exhibit		559	5"	47
List by name and type		4012	XXXX	335

BROADCASTS

Station	Subject

Total Contacts 5282
Total V.P.H. 511
Total Visitors 9333

Name Omax Bauer
Title Park Naturalist

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

* AVERAGE DURATION OF ACTIVITY.

** THIS COLUMN REPRESENTS VISITOR PARTICIPATION HOURS. THE FIGURE IS OBTAINED BY MULTIPLYING THE VISITOR ATTENDANCE BY THE AVERAGE DURATION OF THE CONTACT; I.E., THE AVERAGE TIME DEVOTED TO THE TRIP, LECTURE, MUSEUM VISIT, OR USE OF INTERPRETIVE STATIONS.

128897

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DIVISION FOR JUNE 1942

GENERAL

The museums and information desks were all opened and operating on the 16th of June. Prior to that time Old Faithful Museum had been opened since the 16th of May and Mammoth Museum had opened on June 5.

No pre-season trip was planned for the Ranger Naturalists this year since all of the men returning were experienced and familiar with the Park. However on June 14th the new temporary rangers consisting of 27 in number were taken on a trip around the Park for one day only. Park Naturalist accompanied the group on that day and made a number of talks to the men on the interpretation of natural features.

Administration

Special Activities, conferences

The Defense Training program was organized during June and Park Naturalist Bauer was selected as coordinator of training and under him were placed the following: Hugh Peyton, charge of Forest Fire Suppression Training; David Condon, charge of Civilian Defense; Albert Elliott, charge of suppression of fires in buildings; Walter Gammill, in charge of Law Enforcement Training; and Albert Long in charge of first aid training.

On June 6th a conference was held of Division Heads, District Rangers, and others at which the plan for Defense Training was submitted by the Park Naturalist and also the finances for the closing of the fiscal year were discussed.

The training program itself began on Wednesday June 17 at Mammoth and carried through until July 2nd. A similar program will begin at Old Faithful and other points of the loop early in July. All employees of the National Park Service and other government employees are urged to take part in this training program. Later a program will be given for the benefit of operators' employees and the families of Government employees and will be voluntary.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

[illegible], WYOMING

REPORT OF THE NATURALIST DIVISION

FOR

JUNE 1947

GENERAL

The [illegible] and information [illegible] were all [illegible] and operating on the 15th of June. Prior to that time the Faithful Geyser had been [illegible] since the 15th of May and Beauty Geyser had [illegible] on June 7.

So pre-season trip was planned for the Ranger Naturalists this year since all of the men returning were experienced and familiar with the Park. However on June 15th the new temporary rangers consisting of 27 in number were taken on a trip around the Park for one day only. Park Naturalist accompanied the group on that day and made a number of talks to the men on the interpretation of natural features.

Administration

Special Activities, Conferences

The Defense Training program was organized during June and Park Naturalist Beaver was selected as coordinator of training and under the were placed the following: Hugh Peyton, charge of Forest Fire Suppression Training; David Gordon, charge of Civilian Defense; Albert Tillich, charge of suppression of fires in buildings; Walter Gemill, to charge of the Enforcement Training; and Albert Long in charge of first aid training.

On June 6th a conference was held at Thelma Camp, Yellowstone Lodge, and others at which the plan for Defense Training was submitted by the Park Naturalist and also the Summer for the visiting of the fiscal year were discussed.

The training program itself began on Wednesday June 27 at Beauty and carried through until July 2nd. A similar program will begin at the Faithful and other points of the long early in July. All employees of the National Park Service and other government employees are urged to take part in this training program. Later a program will be given for the benefit of operators' employees and the families of government employees and will be voluntary.

On June 20 Assistant Park Naturalist Condon accompanied nine bus drivers on their pre-season trip around the loop. These were the new drivers that were on hand at that time.

Assistant Park Naturalists Condon and Long are carrying out their activities as instructors of Civilian Defense and First Aid respectively in the defense training course which is being given. Mr. Condon's duties during the month have been varied and have involved supervision of the entire naturalist program, the preparation of schedules for the ranger naturalists and daily activity programs. He has also put the self-guiding nature trails at Mammoth and at Old Faithful in order by setting up the labels and preparing signs for the entrances of these trails.

Mr. Long has been busy getting the ranger naturalists located in their quarters and set up for housekeeping, has helped with the opening of the museums and has spent some time in preparing the material for the Artist Point Exhibit.

Personnel, labor

Park Naturalist Bauer was on duty all month except one day of annual leave on June 1st.

Assistant Park Naturalist Condon was on duty all month.

Assistant Park Naturalist Long was on duty all month except one day of annual leave on June 30, and 1/2 day on June 18 of sick leave.

Clerk LeRoy Van Cott was on duty all month.

STATUS OF RANGER NATURALIST POSITIONS

Number Approved	Number Filled	Number on duty
16	16	16

Interpretation

Lectures, Guide Service, and Interpretive Contacts:

Lecture and Guide Service began at all points on the loop where ranger naturalists are stationed on June 16. Due to the reduced number of ranger naturalists no one is located this year at Tower Falls, Mount Washburn, or West Thumb.

In view of instances that Bartonville Center encountered due to drivers on their pre-season trip around the Ivy. There were five new drivers that were on hand at that time.

Realizing that Bartonville Center and Long are carrying out their activities as instructors of driving because and risks are responsible in the defense training course which is being given. Mr. Gordon's duties during the week have been varied and were in-volved supervision of the entire educational program. The principle of attention for the proper publicity and daily activity programs he has also had the responsibility during their stay. Gordon and at the National as owner by service to the School and preparing plans for the existence of these trails.

Mr. Long has been busy making the proper adjustments needed in their courses and act as the Superintendent. The helped with the opening of the Canada and his around some time in preparing the ma-terial for the artist color tables.

Personnel Labor

This Bartonville Center was on duty all week except one day of second Jerry on June 19.

Bartonville Center was on duty all week.

Bartonville Center Long was on duty all week except one day of second Jerry on June 19, and 2:00 day or close 22 of this Center.

Clerk labor for both was on duty all month.

Status of Blown Artificial Surfaces

Number Approved	Number Filled	Number on Hand
16	12	11

Interpretation

Indians, Guide Service, and Transportation Industry:

Indian and Guide service began at all points on the Ivy. Some minor repair indications are expected on June 15. Due to the reduced number of right Indianapolis as we is looking this year of Tomo Fair, Alum Rockers, or that Tomo.

Statistical Report:

The statistical report for the month of June is attached.

Museum Activities and Exhibits

Progress of exhibit plans and projects

Late in the month we received approval of the Artist Point Exhibit Plans and Assistant Park Naturalist Long has spent some time preparing the exhibits for installation.

Loans, gifts, and accessions of exhibits, study material, or equipment

A gift of some old correspondence, a photograph, a bullet pouch, marriage license and diploma of General Washburn was received from Attorney Charles A. Williams as a part of the estate of Miss Louise Mofford. This material was a gift and will be accessioned for the Yellowstone museums.

Research and Observation

Research problems and observations have been retarded considerably because of reduced personnel and the necessity for saving rubber tires.

Some incidental observations on grizzly bear capturing elk calves have been made and reported in Nature Notes.

Library Activities

The library activities are as follows:

Books in circulation.	14
Books received during June.	10
Indefinite loan of books.	4
Pamphlets received in June.	12
Magazines received in May	17

Mrs. Delphia Kennedy has been hired by the Yellowstone Library and Museum Association as librarian for half time. She began work on June 1st and will probably continue throughout the season.

Statistical Report:

The statistical report for the month of June is included.

Museum Activities and Exhibits

Progress of exhibit films and purposes

Late in the month we received a portrait of the artist Elias Lewis Flint and assistant Fort Bethelhet Lamb has given some time preparing the exhibits for installation.

Loans, gifts, and accessions of exhibits, study material, or equipment

A gift of some old correspondence, a photograph, a ballot punch, marriage licenses and diploma of General Teachers was received from Attorney Charles A. Williams as a part of the estate of Miss Louise Moffett. This material was a gift and will be accessioned for the Tellowstone museum.

Research and Observation

Research problems and observations have been reported considerably because of railway personnel and the necessity for saving rubber tires.

Some continental observations on priority bear mapping via wires have been made and reported in Nature House.

Library Activities

The library activities are as follows:

Books on circulation.	14
Books received during June.	17
Inexhibits loan of books.	4
Pamphlets received in June.	13
Magazines received in May	17

Mrs. Delphia Kennedy has been hired by the Tellowstone Library and through association as librarian for half time. She began work on June 1st and will probably continue throughout the season.

Natural History Association activities

The project of the Yellowstone Library and Museum Association to renovate the Yellowstone Park herbarium was begun on June 10th. Miss Susann Fry and Miss Lillian Winiecki have been hired by the Association for this work. $600 can be expended in this program and during the process additional plants will undoubtedly be added to the herbarium.

Photographic and other visual aids

Two days have been spent in the darkroom by the Assistant Naturalists and the following work was accomplished:

8 - 11 x 14 enlargements made
4 - 8 x 10 enlargements made
1 roll 35 mm. film developed
22 4 x 5 cut film developed
54 4 x 5 contact prints made

Use of Park Facilities

Several permits were issued for collecting plants and insects and one was issued to Dr. Harold Hansen of Washington State College to obtain profiles of peat bogs in the Park. However, since Dr. Hansen was in the Park only a short time, about a day and a half, it is not probable that he was able to get very much material.

Important or Influential Visitors:

On June 29 Supervisor of the Branch of Interpretation, Carl P. Russell, entered the Park from the East and visited the Fishing Bridge Museum and thence continued to Mammoth where he had conferences with the Superintendent and the Park Naturalist. He discussed plans with the Park Naturalist for setting up a work program for a regional naturalist position. The Park Naturalist will be Acting Regional Naturalist for Region II for this coming year.

Protection

Wildlife Management

Plans were made by the Ranger staff to reduce the elk herd this coming year and a report has been submitted to the Director on this subject.

Natural History Association activities

The project of the Yellowstone Library and Museum Association to promote the Yellowstone Park Nutrition was begun on June 1960. Elsa Rosson Fry and Alex Lillian Wardwell have been hired by the Association for this work. $600 was be expended in this program and during the process additional plants will undoubtedly be added to the Nutrition.

Photographic and other visual aids

Two Maps have been found in the Museum by the Assistant Naturalists and the following work was accomplished.

2 - 11 x 14 enlargements made
4 - 8 x 10 enlargements made
1 roll 35 mm. film developed
20 4 x 5 and film developed
24 4 x 5 contact prints made

Use of Park Facilities

Several permits were issued for collecting plants and insects and one was issued to Dr. Daniel Hansen of Washington State College to obtain profiles of peat bogs in the Park. However, since Dr. Hansen was in the Park only a short time, about a day and a half, it is not probable that he was able to get very much material.

Importance of Influential Visitors.

On June 20 Superintendent of the Branch of Interpretation, Carl C. Russell, entered the Park from the East and visited the Fishing Bridge Museum and Museum continued to Mammoth where he had conferences with the Superintendent and the Park Naturalist. He discussed since with the Park Naturalist for meeting up a work program for a Regional Naturalist position. The Park Naturalist will be acting Regional Naturalist for Region II for this coming year.

Protection

Wildlife Management

Place very made by the Ranger staff to assume the air bird this coming year and a report has been submitted to the Director on this subject.

PROPOSED OUTLINE OF WORK FOR JULY

The outline of work for July contemplates the continuation of defense training at Old Faithful, Lake, and Canyon stations. In addition a defense training program will be given for operators' employees and others wishing to take same in which a full 20-hour standard first aid course will be given as well as courses in forest fire suppression, suppression of fires in buildings, law enforcement, and civilian defense.

The war time has interferred greatly with the showing of pictures in the amphitheatres and therefore the evening programs will probably be set back to 8:30 or 9:00 p.m. However, this makes a very long day for the ranger naturalists on the job and is not very desirable. On the other hand it is our wish to meet the needs of the public along this line and we are going to try out the later evening hour for the program.

The Park Naturalist also will make up a work plan for the regional naturalist position to be submitted to the regional director and Washington Office staff.

Respectfully submitted,

C. Max Bauer,
Park Naturalist.

Director (Russell)
Region II
Bumpus
Museum
CMB:LVC

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS IN SCENIC OR SCIENTIFIC AREAS

YELLOWSTONE NATIONAL PARK

SHEET ONE — Name of Area — SHEET ONE

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	2	1	
Temporary	16		

June — Month

1942 — Year

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
~~Auto Caravans~~ All day hiking trips	3	12	6 hrs.	72
Hiking Trips	106	1,738	1 hr. 45 min	2,569
~~Ruins~~ Mammoth Hot Springs Terrace Walks	24	448	1 hr	448
*				
*List other types Total			XXXX	
LECTURES				
Campfire	50	3433	1 hr.	3,433
Hotel or Lodge				
Museum	104	2302	7-1/2 hr.	274
Outside of Park				
Special**	6	510	1 hr.	510
**Includes all other types Total			XXXX	
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station				
Mammoth Museum		5,747	15 min.	1,437
Norris Museum		3,500	10 min.	584
Madison Junction Museum		1,779	5 min.	148
Old Faithful Museum		10,352	3 min.	517
Fishing Bridge Museum		4,051	15 min.	1,013
List by name and type			XXXX	
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
Beaver Field Exhibit		13,662	5 min.	1,139
Obsidian Cliff Exhibit		2,216	5 min.	185
Tuff Cliff Exhibit		37	5 min.	3
Firehole Canyon Exhibit		7,754	5 min.	646
List by name and type			XXXX	

BROADCASTS

Station	Subject

Total Contacts See Sheet Two for totals

Total V.P.H. See Sheet Two for totals

Total Visitors See Sheet Two for totals

Name

Title C. Max Bauer, Park Naturalist

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

* AVERAGE DURATION OF ACTIVITY.

** THIS COLUMN REPRESENTS VISITOR PARTICIPATION HOURS. THE FIGURE IS OBTAINED BY MULTIPLYING THE VISITOR ATTENDANCE BY THE AVERAGE DURATION OF THE CONTACT; I.E., THE AVERAGE TIME DEVOTED TO THE TRIP, LECTURE, MUSEUM VISIT, OR USE OF INTERPRETIVE STATIONS.

SHEET ONE

128897

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS

YELLOWSTONE NATIONAL PARK
Name of Area

SHEET TWO

SHEET TWO

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	2	1	
Temporary	16		

June
Month
1942
Year

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
Auto Caravans				
Hiking Trips				
Ruins				
*				
*List other types Total	133	2,198	XXXX	3,089
LECTURES				
Campfire				
Hotel or Lodge				
Museum				
Outside of Park				
Special**				
**Includes all other types Total	160	6,245	XXXX	4,217
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station				
Old Faithful Cone Count	138	11,458	10 min.	1,909
Old Faithful Geyser Basin		1,217	5 min.	101
Artist Point		4,025	1 min.	67
Grand View		2,337	1 min.	39
List by name and type		44,466	XXXX	5,815
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
List by name and type		23,669	XXXX	1,973

BROADCASTS

tation	Subject

Total Contacts 76,578
Total V.P.H. 15,094
Total Visitors 36,925

Name
Title C. Max Bauer, Park Naturalist

IL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE E TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.
AVERAGE DURATION OF ACTIVITY.
* THIS COLUMN REPRESENTS VISITOR PARTICIPATION HOURS. THE FIGURE IS OBTAINED BY MULTIPLYING THE VISITOR TENDANCE BY THE AVERAGE DURATION OF THE CONTACT; I.E., THE AVERAGE TIME DEVOTED TO THE TRIP, LECTURE, SEUM VISIT, OR USE OF INTERPRETIVE STATIONS.

SHEET TWO

YELLOWSTONE NATIONAL PARK
Yellowstone Park, Wyoming

September 30, 1942

ANNUAL REPORT FOR THE NATURALIST DIVISION FOR THE FISCAL YEAR July 1, 1941 to June 30, 1942

At the close of the fiscal year the staff consisted of:

C. Max Bauer	Park Naturalist
David De. L. Condon	Assistant Park Naturalist
Albert E. Long	Assistant Park Naturalist
LeRoy Van Cott	Clerk

During the summer of 1941, 22 ranger naturalists were employed but during the season of 1942 only 16 ranger naturalist were authorized. There were three roustabouts employed for the summer of 1942 as museum caretakers.

During this season a considerable change in the naturalist program was instituted because of the war. No guided caravans were given. Old Faithful Museum was opened on May 20; Mammoth Museum, on June 1; Fishing Bridge Museum, on June 16; Madison Junction Museum, on June 16; and Norris Museum opened on June 16.

Considerable protection was undertaken by the Naturalist Division. At various times men were assigned to fire duty and acted as foremen or acting district rangers.

The Park Naturalist was responsible for the coordination of a program on Civilian Defense which consisted of teaching courses in first aid, law enforcement, forest fire suppression, building fire suppression, and civilian defense. A total of 460 employees took the courses and 7,498 hours of instruction were given.

The Yellowstone Library and Museum Association carried on the project of book sales and also hired two young ladies to re-work the Yellowstone Park herbarium. A librarian was hired for half time work for the summer.

YELLOWSTONE NATIONAL PARK
Yellowstone Park, Wyoming

September 30, 1942

ANNUAL REPORT FOR THE NATURALIST DIVISION
FOR THE FISCAL YEAR
July 1, 1941 to June 30, 1942

At the close of the fiscal year the staff consisted of:

C. Max Bauer	Park Naturalist
David Da. L. Condon	Assistant Park Naturalist
Albert E. Long	Assistant Park Naturalist
Lewis Van Cott	Clerk

During the summer of 1941, 29 ranger naturalists were employed but during the season of 1942 only 25 ranger naturalist were authorized. There were three reassignments applied for the summer of 1942 as museum caretakers.

During this season a considerable change in the naturalist program was instituted because of the war. No guided sightseeing were given. Old Faithful Museum was opened on May 30, Mammoth Museum, on June 1, Fishing Bridge Museum, on June 14; Madison Junction Museum, on June 10; and Norris Museum opened on June 11.

Considerable protection was undertaken by the Naturalist Division. At various times men were assigned to fire duty and acted as foremen or acting district rangers.

The Park Naturalist was responsible for the coordination of a program on Civilian Defense which consisted of teaching sentence in first aid, law enforcement, forest fire suppression, building fire suppression, and civilian defense. A total of 1,[illegible] sentences took the courses and 7,[illegible] hours of instruction were given.

The Yellowstone Library and Museum association carried on the project of book sales and also hired two young ladies to re-work the Yellowstone Park Bulletin. A librarian was hired for half time work for the summer.

Research has been reduced to a minimum and due to the reduction in number of employees those remaining have had much additional work and spent much overtime on their jobs.

Respectfully submitted,

C. Max Bauer,
Park Naturalist.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DIVISION FOR JULY 1942

GENERAL

The museums and information desks were kept open during the month of July. Some adjustments had to be made after the 15th due to the resignation of Drs. Nash and Bieberdorf to accept commissions in the United States Army Air Corps. We started the month with 16 ranger naturalists and closed the month with 14. However, Daniel Turner resigned on the last day of the month and we will probably continue to carry on such activities as is possible with only the 13 remaining men.

Travel at the end of the month had dropped to 36% of last year. Attendance at the Naturalist Activities has dropped accordingly and at about the same percentage.

Many of the contacts made this year are of higher quality than in years when attendance is large. On the other hand numerous walks and evening programs have been called off because of the lack of sufficient numbers to justify carrying on. All-day hikes have been given with as few a number as five on several occasions. The evening programs at Madison have been abandoned because of the lack of attendance.

Defense training has been given to over 300 government employees and beginning on the 22nd of July training was started for employees of operators and others interested on a voluntary basis. At the present time we are giving standard Red Cross First Aid courses to 21 people at Mammoth, 65 people at Old Faithful, 21 people at Fishing Bridge, and 18 at Canyon. All of these are night classes with the exception of one at Old Faithful which is given in the afternoon.

Administration

Special Activities, conferences

Numerous conferences have been held with the instructors who have carried on the Defense Training Program and with the Chief Ranger and Superintendent on various phases of the naturalist activities.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DIVISION
FOR
JULY 1946

GENERAL

The measure and information desks were kept open during the month of July. Some adjustments had to be made after the 15th due to the resignation of Drs. Dash and Lieberdorf to accept commissions in the United States Army Air Corps. We started the month with 24 ranger naturalists and closed the month with 11. However, Daniel Turner resigned on the last day of the month and we will probably continue to carry on such activities as is possible with only the 11 remaining men.

Travel at the end of the month had dropped to 30% of last year, attendance at the Naturalist Activities had dropped accordingly and at about the same percentage.

Many of the contacts made this year are of higher quality than in years when attendance is large. On the other hand numerous walks and evening programs have been called off because of the lack of sufficient numbers to justify carrying on. All-day hikes have been given with as few a number as five on several occasions. The evening program at Madison have been abandoned because of the lack of attendance.

Defense training has been given to over 300 government employees and beginning on the 22nd of July training was started for employees of operators and others interested on a voluntary basis. At the present time we are giving standard Red Cross First Aid courses to 21 people at Mammoth, 60 people at Old Faithful, 21 people at Fishing Bridge, and 18 at Canyon. All of these are eight classes with the exception of one at Old Faithful which is given in the afternoon.

Administration

Special Activities, conferences

Numerous conferences have been held with the Instructors who have carried on the Defense Training Program and with the Chief Ranger and Superintendent on various phases of the naturalist activities.

On July 21 an all-day conference was held of certain Division Heads to determine what equipment would be desirable and necessary for transfer from the CCC organization.

Assistant Park Naturalist Condon has been occupied several days each week giving Civilian Defense courses and since the 29th of July has been giving the first aid course at Mammoth. He has also taken care of the distribution of sales publications to the various desks and assisted greatly in the supervision and administration of the naturalist activities.

Assistant Park Naturalist Long has been occupied throughout the month with first aid classes and the preparation of the Artist Point Exhibit, the supplying of materials and equipment to the various ranger naturalists, and also in supervision work connected with the naturalist activities.

Personnel, labor

Park Naturalist Bauer was on duty all month.

Assistant Park Naturalist Condon was on duty all month.

Assistant Park Naturalist Long was on duty all month except 4-3/4 days of annual leave taken on July 1, 2, 12, 13, and 23.

Clerk Van Cott was on duty all month except 9 hours of leave taken, 8 of sick and 1 of annual on July 1 and the 13th.

STATUS OF RANGER NATURALIST POSITIONS

Number Approved	Number Filled	Number on duty
16	16	16 - first half of month 14 - last half of month

Maintenance, New Construction and Improvements

The trail over Geyser Hill has been repaired by the road crew and also the trail in Norris Geyser Basin.

In order to protect Beryl Spring it was necessary to put in cement in a hole which broke out in the road near the spring. It was not possible to stop up the leak of subterranean gases entirely but the crew finally succeeded in closing the hole in the road and diverting the steam to the ditch at the side of the road by using vitrified tile. No damage has been done to the spring so far as we have been able to observe.

On July 21 an all-day conference was held of certain Division Heads to determine what equipment would be desirable and necessary for transfer from the [illegible] organization.

Assistant Park Naturalist London has been occupied several days and week giving Division Defense courses and since the 17th of July has been giving the first aid course at Bedford. He has also taken care of the distribution of sales publications to the various heads and assisted greatly in the supervision and administration of the naturalist activities.

Assistant Park Naturalist Long has been occupied throughout the month with first aid classes and the preparation of the British Point Exhibit, the supplying of materials and equipment to the various ranger naturalists, and also in supervision work connected with the naturalist activities.

Personnel, Labor

Park Naturalist Bauer was on duty all month.

Assistant Park Naturalist Condon was on duty all month.

Assistant Park Naturalist Long was on duty all month except 1-2-3 days of annual leave taken on July 1, 7, 12, 15, and 25.

Clerk Van Dort was on duty all month except 9 hours of leave taken, 8 of sick and 1 of annual on July 1 and the 19th.

STATUS OF LARGER NATURALIST EXHIBITS

Number Approved	Number Filled	Number Wanted
16	16	16 - First half of month 14 - Last half of month

Maintenance, New Construction and Improvements

The trail over Jasper Hill has been repaired by the road crew and also the trail in Sheets Jasper Basin.

In order to protect Beryl Spring it was necessary to put in connect in a hole which broke out in the road near the spring. It was not possible to stop up the level of subterranean gases entirely but the crew finally succeeded in closing the hole in the road and diverting the stone to the ditch at the side of the road by using vitrified tile. No damage has been done to the spring so far as we have been able to observe.

Interpretation

Lectures, Guide Service, and Interpretive Contacts:

The lecture and guide service activity was revised during July and a new program of activities has been undertaken. A copy of this has been sent to the Branch of Interpretation in Washington. The activities have been well attended at Old Faithful and at Fishing Bridge. The Mammoth and Canyon activities have not been so well attended due to the fact that no cabins for tourists are available at either one of these places. Hence the evening programs have had to depend largely upon hotel guests.

On July 24 Park Naturalist Bauer went to the Baptist's Young Peoples Assembly on Mill Creek 25 miles north of the Park to give a nature walk and nature program for them. About 35 young people accompanied him on a nature walk in the afternoon which started from the camp and went to Snow Falls, a distance of about three miles, and return. In the evening an illustrated lecture on the bird and animal life of Yellowstone National Park was given to an audience of 125.

Statistical Report:

The statistical report for the month of July is attached.

Museum Activities and Exhibits

Progress of exhibit plans and projects

Some progress has been made in the preparation of the materials for the Artist Point Exhibit. It is hoped that this can be installed during the month of August.

Loans, gifts, and accessions of exhibits, study material, or equipment, and the disposition thereof.

An original charcoal painting by Thomas Moran in 1905 has been returned to the Yellowstone museums by the Superintendent of Grand Teton National Park. It is framed in a narrow black frame covered with glass and is 32 x 23 inches in size. The subject is Index Peak. It will be accessioned and stored with other pictures in the Mammoth Museum.

Research and Observation

A very limited amount of research was carried on during the month as most of our work involved teaching the Defense Training courses and supervising the work of the ranger naturalists.

Interpretation

Lectures, Guide Service, and Interpretive Contacts:

The lecture and guide service activity was revised during July and a new program of activities has been undertaken. A copy of this has been sent to the Branch of Interpretation in Washington. The activities have been well attended at the Falls and at Fighting Bridge. The Mammoth and Canyon activities have not been so well attended due to the fact that no cabins for tourists are available at either one of these places. Hence the evening program have had to depend largely upon hotel guests.

On July 24, Park Naturalist Sauer went to the Washington Young Peoples Assembly on Hill Creek 25 miles north of the Park to give a nature walk and nature program for them. About 30 young people were compacted into on a nature walk in the afternoon which started from the camp and went to Snow Falls, a distance of about three miles, and return. In the evening an illustrated lecture on the bird and animal life of Yellowstone National Park was given to an audience of 115.

Statistical Report.

The statistical report for the month of July is attached.

Museum Activities and Exhibits

Progress of exhibit plans and projects.

Some progress has been made in the preparation of the materials for the Artist Point Exhibit. It is hoped that this may be installed during the month of August.

Loans, gifts, and accessions of exhibits, ready intentionally or equipment, and the disposition thereof.

An original charcoal painting by Thomas Moran in 1871 has been returned to the Yellowstone museum by the Superintendent of Grand Teton National Park. It is framed in a narrow black frame covered with glass and is 32 x 23 inches in size. The subject is Lake Park. It will be accessioned and stored with other pictures in the Museum Museum.

Research and Observation

A very limited amount of research was carried on during the month as most of our work involved teaching the Nature Training courses and supervising the work of the Ranger Naturalists.

Library Activities

The library activities are as follows:

Books in circulation.	9
Books received during July.	8
Indefinite loan of books.	2
Pamphlets received in July.	53
Magazines received in July.	15

Natural History Association Activities

The Association is paying the salaries of Miss Susan Fry and Miss Lillian Winiecki to put the Yellowstone herbarium in first class condition.

We are also paying the salary of Mrs. Delphia Kennedy who is working half time only in the library. She is now engaged in determining which items listed in the bibliography by Dr. Russell are on hand in the library. Those not in the library will be listed for acquiring as rapidly as possible.

Use of Park Facilities

Mr. and Mrs. Karl Maslowski spent the first half of the month in studying wildlife and taking photographs. They were assisted by various members of the Naturalist Staff.

Important or influential visitors

A Mr. Johnson of the Bureau of the Budget visited the Park during the month.

Protection

Wildlife Management

A conference was held on July 29 with Dr. Olaus Murie, Assistant Park Naturalist Condon, Superintendent Rogers, and Park Naturalist Bauer on the present status of our knowledge concerning the Trumpter Swan and possible plans for further research and cooperation with the Fish and Wildlife Service.

Wildlife of all kinds have been very much in evidence this year. Weather conditions and the fewer number of visitors no doubt have contributed to this situation.

Library Activities

The library activities are as follows:

Books in circulation	[illegible]
Books received during July	[illegible]
Indefinite loan of books	[illegible]
Templates received in July	[illegible]
Magazines received in July	[illegible]

Natural History Association Activities

The association is paying the salaries of Miss [illegible] and Miss [illegible] to run the Tallahassee Bartonian in first class condition.

We are also paying the salary of Mrs. [illegible] who is working half time only in the library. She is now engaged in determining which items listed in the bibliography by Dr. [illegible] are on hand in the library. Those not in the library will be listed for acquiring as readily as possible.

Use of Park Facilities

Dr. and Mrs. [illegible] spent the first half of the month in studying wildlife and taking photographs. They were assisted by various members of the Naturalist Staff.

Importance or Influential Visitors

A Dr. [illegible] of the Bureau of the Budget visited the Park during the month.

Protection

Wildlife Management

A conference was held on July [illegible] with Dr. [illegible], Assistant Park Naturalist [illegible], Superintendent [illegible], and Park Naturalist [illegible] on the present status of our knowledge concerning the Trumpeter Swan and possible plans for further research and cooperation with the Fish and Wildlife Service.

Wildlife of all kinds have been very much in evidence this year. Weather conditions and the [illegible] of visitors on Park have contributed to this situation.

At least five reports of significance have been received concerning Mountain Lion in the Park. Visitors have declared that they have seen them near the roads and that the identification of the animal was unquestionable. On July 29 two Cougars were seen in Elk Park near the Norris Geyser Basin about an hour before sunset. Another case was reported by a Texas Ranger and his wife where a Cougar was seen on the middle fork of Shoshone River inside the Park about a mile below Sylvan Pass. It was stalking a moose cow and calf and caused the moose considerable worry. Other reports from other parts of the Park which appear to be authentic have been received.

PROPOSED OUTLINE OF WORK FOR AUGUST

The five first aid classes will be continued and will run up to about the 12th of August. It has not been determined whether we will carry on advanced first aid work or other classes in standard first aid or not. Inasmuch as we now have only 13 ranger naturalists it will require the time of all the temporaries and permanents to carry on the activities as outlined. On the other hand some temporary rangers and others have been sent out as smoke chasers on fire suppression work and this requires that the ranger naturalists fill in on protective duties at the various stations such as Old Faithful and Fishing Bridge.

It is probable that some time will be devoted to the research work proposed by Professor L. C. Graton of Harvard University as he expects to come in the Park about August 20.

SUPPLEMENTAL

Photographic and other visual aids

The darkroom is to be used by Mr. John C. Nichols to develop and print pictures of the various types of cabins used by visitors in Yellowstone Park at the request of the Director.

1 film pack developed 4 x 5
32 4 x 5 contact prints made
5 8 x 10 enlargements

During the month 400 feet of movie film were exposed and 4 rolls of K-135.

Respectfully submitted,

C. Max Bauer,
Park Naturalist

Director (Russell)
Region II
Bumpus
Museum
CMB:LVC

At least five reports of significance were been received concerning Mountain Lions in the Park. Visitors have declared that they have seen them near the roads and that the identification of the animal was unquestionable. On July 29 two Coupers were seen in Elk Park near the Morris Copper Basin about an hour before sunset. Another case was reported by a Texas Ranger and his wife where a Cougar was seen on the middle fork of Montana River inside the Park about a mile below Spicer Pass. It was stalking a moose low and half and caused the moose considerable worry. Other reports from other parts of the Park which appear to be authentic have been received.

PROPOSED OUTLINE OF WORK FOR AUGUST

The five first aid classes will be continued and will run up to about the 15th of August. It has not been determined whether we will carry on advanced first aid work or other classes in standard first aid or not. Inasmuch as we now have only 14 ranger naturalists it will require the time of all the temporaries and permanents to carry on the activities as outlined. In the other hand some temporary rangers and others have been sent out as smoke chasers on fire suppression work and this requires that the ranger naturalists fill in the protective duties at the various stations such as Old Faithful and Fishing Bridge.

It is probable that some time will be devoted to the research work proposed by Professor L. L. Dawson of Harvard University as he expects to come in the Park about August 25.

ENTERTAINMENT

Photographic and other visual aids

The darkroom is to be used by Mr. John G. Shields to develop and print pictures of the various types of cables used by visitors in Yellowstone Park at the request of the Director.

1 film pack developed 4 x 5
30 4 x 5 contact prints made
5 8 x 10 enlargements

During the month 440 feet of movie film were exposed and 4 rolls of E-135.

Respectfully submitted,

[signature]
A. Max Dwyer,
Park Naturalist

Director [Russell]
Region II
Regina
Wesson
Cammerer

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS IN SCENIC OR SCIENTIFIC AREAS

SHEET ONE

YELLOWSTONE NATIONAL PARK
Name of Area

SHEET ONE

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	2	1	
Temporary	16 for first half of month 14 for last half of month		

July
Month
1942
Year

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
Auto Caravans All day hiking trips	4	18	9 hours	162
Hiking Trips	307	6,854	2 hours	13,708
Ruins Mammoth Hot Springs Terrace Walks	62	1,920	1 hour	1,920
* Special Parties	3	11	1 hour	11
*List other types Total			XXXX	
LECTURES				
Campfire	111	12,035	1 hour	12,035
Hotel or Lodge				
Museum	389	9,267	7-1/2 min.	1,597
Outside of Park	1	125	1-1/2 hrs.	187
Special**	1	24	1/2 hr.	12
**Includes all other types Total			XXXX	
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station				
Mammoth Museum		9,036	15 min.	2,259
Norris Museum		9,050	15 min.	2,263
Madison Junction Museum		4,555	5 min.	380
Old Faithful Museum		20,042	3 min.	1,002
Fishing Bridge Museum		13,296	15 min.	3,324
List by name and type			XXXX	
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
Beaver Field Exhibit		20,795	5 min.	1,733
Obsidian Cliff Exhibit		3,312	5 min.	277
Tuff Cliff Exhibit		56	5 min.	5
Firehole Canyon Exhibit		11,802	5 min.	984
List by name and type			XXXX	

BROADCASTS

Station	Subject

Total Contacts See Sheet Two for totals
Total V.P.H. See Sheet Two for totals
Total Visitors See Sheet Two for totals

Name
Title C. Max Bauer, Park Naturalist

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

AVERAGE DURATION OF ACTIVITY.

THIS COLUMN REPRESENTS VISITOR PARTICIPATION HOURS. THE FIGURE IS OBTAINED BY MULTIPLYING THE VISITOR ATTENDANCE BY THE AVERAGE DURATION OF THE CONTACT; I.E., THE AVERAGE TIME DEVOTED TO THE TRIP, LECTURE, MUSEUM VISIT, OR USE OF INTERPRETIVE STATIONS.

SHEET ONE

128897

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS IN SCENIC OR SCIENTIFIC AREAS

YELLOWSTONE NATIONAL PARK
Name of Area

SHEET TWO

SHEET TWO

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	2	1	
Temporary	16 for first half of month		
	14 for last half of month		

July
Month
1942
Year

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
Auto Caravans				
Hiking Trips				
Ruins				
*				
*List other types Total	376	8,803	XXXX	15,301
LECTURES				
Campfire				
Hotel or Lodge				
Museum				
Outside of Park				
Special**				
**Includes all other types Total	502	21,451	XXXX	13,831
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station				
Old Faithful Cone Count	250	24,490	10 min.	4,082
Old Faithful Geyser Basin		3,046	5 min.	254
Artist Point		7,124	1 min.	119
Grand View		2,483	1 min.	41
List by name and type		93,122	XXXX	13,724
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
List by name and type		35,965	XXXX	2,999

BROADCASTS

Station	Subject

Total Contacts 159,341
Total V.P.H. 46,355
Total Visitors 56,202

Name
Title C. Max Bauer, Park Naturalist

AIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE HE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

AVERAGE DURATION OF ACTIVITY.

THIS COLUMN REPRESENTS VISITOR PARTICIPATION HOURS. THE FIGURE IS OBTAINED BY MULTIPLYING THE VISITOR TTENDANCE BY THE AVERAGE DURATION OF THE CONTACT; I.E., THE AVERAGE TIME DEVOTED TO THE TRIP, LECTURE, USEUM VISIT, OR USE OF INTERPRETIVE STATIONS.

SHEET TWO

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

YELLOWSTONE NATIONAL PARK

REPORT OF THE NATURALIST DIVISION FOR AUGUST 1942

GENERAL

The regular program of activities of the naturalists was disrupted several times during the month by the necessity of having to send men on forest fires and substitute for regular rangers on protective work. In spite of the fire suppression work which was necessary, we were able to keep all the museums open during the month for the usual number of hours each day and give the usual campfire programs each evening. Other activities such as guided walks and hikes were discontinued at times, hence the numbers contacted will show considerable reduction.

In addition to the fire suppression work we carried on courses in first aid for operators' employees and others interested at four points during the month. These courses were completed for a total of 86 persons.

Also during the month the war bond program was begun and two of the men in the Division have been asked to serve as "Minute Men."

Administration

Park Naturalist Bauer has not been able to give the supervision to the field during the month that is customary due to the fact that for ten days he was required to keep the museum at Mammoth open for the public since all other men were away on fires or other duties.

Assistant Park Naturalists Condon and Long both served on fires and other ranger duties from the 4th of August to the 15th inclusive. Mr. Condon served as a foreman on the Grizzly Lake Fire and also on the Witch Creek Fire during that period, and Mr. Long served as a fire fighter on the Seven-Mile Hole for a day and a half and for about a week at the ranger station as Acting District Ranger of Canyon District.

Both Mr. Long and Mr. Condon taught classes in First Aid during the month in addition to their other duties.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

YELLOWSTONE NATIONAL PARK

REPORT OF THE NATURALIST DIVISION FOR
AUGUST 1942

GENERAL

The regular program of activities of the naturalists was disrupted several times during the month by the necessity of having to send men on forest fires and substitute for regular rangers on protective work. In spite of the fire suppression work which was necessary, we were able to keep all the museums open during the month for the usual number of hours each day and give the usual campfire programs each evening. Other activities such as guided walks and hikes were discontinued at times, hence the numbers contacted will show considerable reduction.

In addition to the fire suppression work we carried on courses in first aid for operators' employees and others interested at four points during the month. These courses were completed for a total of 65 persons.

Also during the month the war bond program was begun and two of the men in the Division have been asked to serve as "Bonds Men."

Administration

Park Naturalist Lemer has not been able to give the supervision to the field during the month that is customary due to the fact that for ten days he was required to keep the museum at Mammoth open for the public since all other men were away on fires or other duties.

Assistant Park Naturalists Gordon and Long both served on fires and other ranger duties from the 14th of August to the 17th inclusive. Mr. Gordon served as a foreman on the Bridge Lake fire and also on the Ditch Creek fire during that period, and Dr. Long served as a fire fighter on the Seven-Mile Hole for a day and a half and for about a week at the ranger station as acting District Ranger of Canyon District.

Both Mr. Long and Dr. Gordon taught classes in first aid during the month in addition to their other duties.

Personnel, labor:

Park Naturalist Bauer was on duty all month.

Assistant Park Naturalist Condon was on duty all month.

Assistant Park Naturalist Long was on duty all month.

Clerk LeRoy Van Cott was on duty all month.

STATUS OF RANGER NATURALIST POSITIONS

Number Approved	Number Filled	Number on Duty
16	16	13 to August 25 12 on August 26 11 on August 27 9 on August 31

Interpretation

Lectures, Guide Service, and Interpretive Contacts:

The lecture programs at the campfires have been carried on throughout the month, in some cases by one man instead of two as is the custom. Numerous museum lectures were given and when men were available the usual nature walks, geyser walks, and other guided trips were given.

Statistical Report:

The statistical report for the month of August is attached.

Museum Activities and Exhibits:

All of the museums have been kept open the usual hours during the month with the exception that where one man was on duty only at a museum the lunch hour was taken off.

Progress of exhibit plans and projects

Assistant Park Naturalist Long prepared outlines of museum exhibits now in existence at Old Faithful, Madison, Norris, and Fishing Bridge Museums.

Research and Observation - cooperative projects

Professor L. C. Graton of Harvard University has been appointed collaborator on a research project concerning the relationship of hot springs and geysers to Ore Deposition. This work was begun in August and will probably be carried on in the field through September.

Personnel, Labor:

Park Naturalist Bauer was on duty all month.

Assistant Park Naturalist Cowdon was on duty all month.

Assistant Park Naturalist Lang was on duty all month.

Clerk Labor Van Cott was on duty all month.

STATUS OF BOARD NATURALIST POSITIONS

Number Approved	Number Filled	Number on Duty
		13 to August 25
15	10	12 on August 26
		11 on August 27
		8 on August 31

Interpretation:

Lectures, Voice Service, and Interpretive Contacts:

The lecture program at the campfires have been carried on throughout the month, 10 some cases by one man instead of two as in the custom. Numerous museum lectures were given and when men were available the usual nature walks, gypsy walks, and other guided trips were given.

Statistical Report:

The statistical report for the month of August is attached.

Museum Activities and Exhibits:

All of the museums have been kept open the usual hours during the month with the exception that where one man was on duty only at a museum the lunch hour was taken off.

Progress of exhibit plans and projects

Assistant Park Naturalist Lang prepared outlines of museum exhibits now in existence at Old Faithful, Madison, Norris, and Fishing Bridge Museums.

Research and Observation - Cooperative projects

Professor L. C. Graton of Harvard University has been appointed collaborator on a research project concerning the relationship of hot springs and geysers to Ore Deposition. This work was begun in August and will probably be carried on in the field through September.

Library Activities

The library activities are as follows:

Books in circulation.	14
Books received during August.	12
Indefinite loan of books.	0
Pamphlets received in August.	13
Magazines received in August.	17

Natural History Association Activities:

Miss Susann Fry and Miss Lillian Winiecki completed their work on the Yellowstone herbarium on August 12. Miss Winiecki remained a few days longer to type the thesis of Dr. Arthur Nash on "Hot Water Algae of Yellowstone Park and New Zealand." This project was carried on by the Yellowstone Library and Museum Association.

Mrs. Delphia Kennedy who has been working half time in the library throughout the summer worked full time about half of August. She was able to examine about half the items in the bibliography prepared by Dr. Russell to find if they are in our collection. She also completed the scrap books on clippings and has the library in good condition at the present time.

Photographic and other visual aids:

Assistant Park Naturalist Condon has taken 100 feet of kodachrome movies during the month. Other photography work has been done in the darkroom as follows:

# 3	rolls of 616 film developed
28	4 x 5 contact prints made
4	4 x 5 cut film developed
16	2-1/4 x 4-1/4 contact prints

Approximately one and a half days were spent on this work.

Use of Park Facilities

Important or influential visitors:

Professor L. C. Graton, Professor of Mining Geology at Harvard University arrived in the Park on August 24 and Professor Esper Larsen who is Professor of Petrography at Harvard University arrived on August 31 to assist Professor Graton in research studies on the geysers and hot springs of Yellowstone. Park Naturalist Bauer expects to cooperate with these men as fully as possible and assist them in every way to accomplish the purpose of their research.

Library Activities

The library activities are as follows:

Books in circulation.	24
Books received during August.	12
Indefinite loan of books.	0
Pamphlets received in August.	13
Magazines received in August.	17

Natural History Association Activities:

Miss Susan Fry and Miss Lillian Kinkaid completed their work on the Tallowtown Herbarium on August 16. Miss Kinkaid remained a few days longer to type the thesis of Mr. Arthur Bush on "Not Urine Signs of Tallowtown Park and Bee Lawland." This project was carried on by the Tallowtown library and Museum association.

Mrs. Delphia Kennedy who has been working half time in the library throughout the summer worked full time about half of August. She was able to mention about half the items in the bibliography prepared by Mr. Russell so that if they are in our collection. She also completed the scrap books on elliptics and has the library in good condition at the present time.

Photographs and other visual aids:

Assistant Park Naturalist Gordon has taken 100 feet of Kodachrome movies during the month. Other photography work has been done in the Museum as follows:

4	3 rolls of 616 film developed
20	4 x 5 contact prints made
4	4 x 5 sub film developed
10	2-1/2 x 4-1/4 contact prints

Approximately one and a half days were spent on this work.

Use of Park Facilities

Important or influential visitors:

Professor L. S. Brown, Professor of Biology Geology at Harvard University arrived in the Park on August 22, and Professor Taper Larner who is Professor of Photography at Harvard University arrived on August 31 to assist Professor Brown in research studies on the gypsum and hot springs of Tallowtown. Park Naturalist Baker expects to cooperate with these men as fully as possible and assist them in every way to provide clinic the purpose of their research.

PROPOSED OUTLINE OF WORK FOR SEPTEMBER

The principal project during the month is to close the museums at the proper time and see that the property and equipment are properly cared for. Also the permanent naturalists will be occupied in picking up projects and problems on research and assisting in patrol for protection purposes.

The Park Naturalist and Assistant Park Naturalists will give as much time to the research project being carried on by Drs. Graton and Larsen as is possible during the month.

It is hoped that progress can be made in the preparation and installation of the Artist Point Trailside Exhibit.

Also during the month accounts of book sales and annual reports of the Yellowstone Library and Museum Association will be prepared in preparation for the annual meeting of Directors the first part of October.

Respectfully submitted,

C. Max Bauer

C. Max Bauer,
Park Naturalist.

Director (Russell)
Region II
Bumpus
Museum
CMB:LVC

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS

YELLOWSTONE NATIONAL PARK
Name of Area

SHEET ONE

SHEET ONE

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	2	1	
Temporary	13 to August 25 9 on August 31		

August
Month
1942
Year

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
All day hiking trips	1	6	6 hours	36
Hiking Trips	153	5436	2 hours	10,872
Ruins				
*				
*List other types Total			XXXX	
LECTURES				
Campfire	85	12,114	1 hour	12,114
Hotel or Lodge				
Museum	126	5,719	7-1/2 min.	956
Outside of Park				
Special**				
**Includes all other types Total			XXXX	
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station				
Mammoth Museum		8,015	30 min.	4,008
Norris Museum		9,912	11 min.	1,817
Madison Junction Museum		4,107	5 min.	341
Old Faithful Museum		19,660	3 min.	983
Fishing Bridge Museum		11,544	15 min.	2,886
List by name and type			XXXX	
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
Beaver Field Exhibit		19,350	5 min.	1,612
Obsidian Cliff Exhibit		3,138	5 min.	262
Tuff Cliff Exhibit		52	5 min.	4
Firehole Canyon Exhibit		10,983	5 min.	915
List by name and type			XXXX	

BROADCASTS

Station	Subject

Total Contacts See Sheet Two for totals
Total V.P.H. See Sheet Two for totals
Total Visitors See Sheet Two for totals

Name
Title C. Max Bauer, Park Naturalist

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

* AVERAGE DURATION OF ACTIVITY.

** THIS COLUMN REPRESENTS VISITOR PARTICIPATION HOURS. THE FIGURE IS OBTAINED BY MULTIPLYING THE VISITOR ATTENDANCE BY THE AVERAGE DURATION OF THE CONTACT; I.E., THE AVERAGE TIME DEVOTED TO THE TRIP, LECTURE, MUSEUM VISIT, OR USE OF INTERPRETIVE STATIONS.

SHEET ONE

128897

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS

YELLOWSTONE NATIONAL PARK
Name of Area

SHEET TWO

SHEET TWO

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	2	1	
Temporary	13 to August 25 9 on August 31		

August
Month
1942
Year

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
Auto Caravans				
Hiking Trips				
Ruins				
*				
*List other types Total	154	5,442	XXXX	10,908
LECTURES				
Campfire				
Hotel or Lodge				
Museum				
Outside of Park				
Special**				
**Includes all other types Total	211	17,833	XXXX	13,070
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station				
Old Faithful Cone Count	164	18,190	10 min.	3,032
Old Faithful Geyser Basin		2,557	5 min.	213
List by name and type		73,985	XXXX	13,280
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
List by name and type		33,523	XXXX	2,793

BROADCASTS

Station	Subject

Total Contacts 130,783
Total V.P.H. 40,051
Total Visitors 52,298

Name
Title C. Max Bauer, Park Naturalist

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

* AVERAGE DURATION OF ACTIVITY.

** THIS COLUMN REPRESENTS VISITOR PARTICIPATION HOURS. THE FIGURE IS OBTAINED BY MULTIPLYING THE VISITOR ATTENDANCE BY THE AVERAGE DURATION OF THE CONTACT; I.E., THE AVERAGE TIME DEVOTED TO THE TRIP, LECTURE, MUSEUM VISIT, OR USE OF INTERPRETIVE STATIONS.

SHEET TWO

128897

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

YELLOWSTONE NATIONAL PARK

REPORT OF THE NATURALIST DIVISION FOR SEPTEMBER 1942

GENERAL

With the closing of the hotels on August 27 the activities at Mammoth became considerable less because of the fewer visitors. A number of the ranger naturalists had already been separated from the Service and hence the program of public contact work was much reduced. However, the museum at Fishing Bridge was kept open until the close of September 9 and the museums at Old Faithful and Mammoth were kept open until the close of the 14th.

Much of the work of the permanent staff consisted in preparing the museums and quarters out in the Park for closing for the season and closing up the book accounts with the ranger naturalists and preparing the annual report of the Yellowstone Library and Museum Association.

The caving in of a hole in the road near Beryl Spring due to rising gases and water was found to affect Beryl Spring and therefore some time was spent in preparing and supervising the plugging of this hole in the road so that Beryl Spring would be saved from damage and the affect of this break in the road.

Much more field work was accomplished during September than during the summer months because some things had been put off during the summer and furthermore the lack of travel made it possible to get around the park and take care of many things that needed to be done.

Administration:

Assistant Park Naturalist Condon spent eight days in the field, eight days on sales publication business and reports of the Yellowstone Library and Museum Association, and sometime on the defense bond soliciting.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

YELLOWSTONE NATIONAL PARK

REPORT OF THE NATURALIST DIVISION FOR
NOVEMBER 1962

GENERAL

With the closing of the parks on August 27 the activities at Mammoth become considerable less because of the fewer visitors. A number of the ranger naturalists had already been separated from the Service and hence the program of public contact work was much reduced. However, the museum at Fishing Bridge was kept open until the close of September 9 and the museums at Old Faithful and Mammoth were kept open until the close of the 11th.

Most of the work of the permanent staff consisted in preparing the museums and quarters out in the park for closing for the season and closing up the back accounts with the ranger naturalists and preparing the annual report of the Yellowstone Library and Museum Association.

The testing in of a hole in the road near Beryl Spring due to rising gases and water was found to affect Beryl Spring and therefore some time was spent in preparing and supervising the plugging of this hole in the road so that Beryl Spring would be saved from damage and the effect of this break in the road.

Much more field work was accomplished during September than during the summer months because some things had been put off during the summer and furthermore the lack of travel made it possible to get around the park and take care of many things that needed to be done.

Administration:

Assistant Park Naturalist Gordon spent eight days in the field, eight days on sales publication business and reports of the Yellowstone Library and Museum Association, and cooperation on the Reference Book collecting.

Assistant Park Naturalist Long spent nine full days in field work checking property and closing the various field stations and living quarters. He also spent four days on the preparation of exhibit materials for the Artist Point Trailside Exhibit and other work connected with museum planning and preparation.

Park Naturalist Bauer cooperated with Mr. Emmert and Mr. Lord in the plans to save Beryl Spring and the road work necessqry to save the road at that point.

The research work carried on by Dr. L. C. Graton of Harvard University came to a close on September 28 when Dr. Graton returned to Cambridge. Park Naturalist Bauer visited Dr. Graton in the field a number of different times and discussed the problems with him.

Special Activities, conferences:

Both Dr. Bauer and Mr. Condon were members of the "Minute Man" committee to assist in the drive to get all employees to sign up cards for the purchasing of war bonds from salary deductions. A conference was held on September 2 with the group chairman, Mr. Joffe, and the organization completed. Most of the solicitation was finished by the tenth of September. Another conference meeting was held on September 10th on the same subject.

Personnel, labor

Park Naturalist Bauer was on duty all month.

Assistant Park Naturalist Condon was on duty all month.

Assistant Park Naturalist Long was on duty all month, except 1 day of annual leave on September 1.

Clerk LeRoy Van Cott was on duty all month except 1 hour of annual leave on September 10 and 1/2 day of annual leave on September 24.

The museum caretaker at Mammoth Museum remained until September 14th, and the museum caretaker at Old Faithful transferred on August 31 to the road crew.

STATUS OF RANGER NATURALIST POSITIONS

Number approved	Number filled	Number on duty
16	16	8 on September 1 5 on September 10 0 on September 20

Assistant Park Naturalist Long spent Mine Fall Days in Field work showing property and closing the various field stations and living quarters. To also spent four days on the preparation of exhibit and barbels for the British Point Pradiaus Exhibit and other work connected with season planning and preparation.

Park Naturalist Lamar cooperated with Mr. Howard and Mr. Lloyd in the phone to Navy Hurst Bottom and the road work necessary to save the road at that point.

The research work carried on by Dr. [illegible] Dr. [illegible] of Harvard University came to a close on September 28 when Dr. [illegible] returned to Cambridge. Park Naturalist Lamar visited Dr. [illegible] in the field a number of different times and discussed the problems with him.

Special Activities, Conferences:

Both Dr. Howard and Dr. [illegible] were members of the Tahoma Area Committee to assist in the drive to get all employees to sign up bonds for the purchasing of war bonds from salary commissions. A conference was held on September 2 with the group chairman, Mr. [illegible], and the organization completed. Most of the solicitation was finished by the tenth of September. Another conference meeting was held on September [illegible] on the [illegible] project.

Personnel, Labor

Park Naturalist Lamar was on duty all month.

Assistant Park Naturalist Lamar was on duty all month.

Assistant Park Naturalist Long was on duty all month, except 1 day of annual leave on September 1.

Elsie [illegible] was first was on duty all month except 1 hour of annual leave on September 10 and 1/2 day of annual leave on September [illegible].

The museum caretaker at Kenneth Kennedy remained until September [illegible], and the museum caretaker at the Factoral transferred on August [illegible] to the road area.

STATUS OF LABOR NATURALIST POSITIONS

Number Approved	Number Filled	Number on Duty
25	16	0 on September 1
		1 on September [illegible]
		1 on September [illegible]

Interpretation

Lectures, Guide Service, and Interpretive Contacts:

The program was much reduced during the month of September and no lectures were given after the 15th of September although some public contact work was carried on by two ranger naturalists until the 21st of September.

Statistical Report:

The statistical report for the month of September is attached.

Museum Activities and Exhibits

The museums were closed as follows:

Norris Museum	August 31
Madison Museum	September 7
Fishing Bridge Museum	September 9
Old Faithful Museum	September 14
Mammoth Museum Museum	September 14

Progress of Exhibit Plans and Projects

Assistant Park Naturalist Long spent four days on the preparation of the exhibits for the Artist Point field exhibit.

Research and Observation - Staff projects

Very little progress was made by the staff on research problems which they are carrying on from time to time

Research and Observation - cooperative projects

Professor L. C. Graton and Professor Esper S. Larsen of Harvard University carried on their research project in September on the hot springs and geysers. Dr. Larsen left the Park on September 19 and Dr. Graton left the Park on September 28. Considerable progress was made by these men in the study of the temperatures and convection currents in geysers and hot springs. They used an electrical thermometer in several of the geysers and found that the temperatures at any one point were not consistent but rapidly changing. They also studied convection currents and obtained some interesting results. One interpretation which puts a different aspect on the chemical nature of the springs is that many of the springs indicate alkaline reactions for the water and acid reactions for the vapor which is coming off the spring. Because of the complexity of the problems involved Dr. Graton hopes to continue

Interpretation

Lectures, Guide Service, and Interpretive Contacts:

The program was used reduced during the month of September and no lectures were given after the 15th of September although the public contact work was carried on by the Ranger Naturalists until the 21st of September.

Statistical Report:

The statistical report for the month of September is shown.

Change Activities and Mobility

The changes were shown as follows:

Turtle Lesson	August 31
Medicine Shows	September 7
Fishing Bridge Lesson	September 9
Big Pelicans Shows	September 14
Research Shows Shows	September 14

Progress of Exhibit Plans and Projects

Assistant Park Naturalist long spent from days to the preparation of the exhibits for the Artist Point Field Ranger.

Research and Observation - Staff projects

Very little progress was made by the staff on research problems which they are carrying on from time to time.

Research and Observation - Cooperative projects

Professor L. E. Graton and Professor Bayer in lieu of Ranger University carried on their research project in September on the 1st spring and geyser. Dr. Larson left the Park on September 21 and Dr. Graton left the Park on September 22. Considerable progress was made by these men in the study of the temperature and conservation surveys in geyser and hot springs. They used an electrical thermometer in several of the geyser but found that the temperature at any one point were not consistent but rapidly changing. They also started conservation surveys and obtained some interesting results. One interpretation which puts a different aspect on the chemical nature of the springs is that many of the springs indicate similar reactions than the water and said reactions for the vapor which is coming off the springs. Examples of the complexity of the problem involved Dr. Graton hopes to continue

his studies in order to determine if possible the relationship of such geysers and hot springs to ore deposition and also to attempt to solve the problem of the manner of transmission of the fluids from the magma to the surface of the earth - that is whether the fluids leave the magma as gases or as liquids.

Library Activities

The library activities are as follows:

Books in circulation.	3
Books received during September	2
Indefinite loan of books.	2
Pamphlets received in September.	6
Magazines received in September	12

Natural History Association Activities:

The sales publication accounts were worked up by Mr. Condon and the annual report of the executive secretary was prepared during the last week in September by Park Naturalist Bauer and all preparations were made for the annual meeting of the Board of Directors on October 1st.

Twohandred and fifty surplus plant specimens were sent to Dr. Maxon of the National Museum and other specimens were distributed to the New York Botanical Gardens and Dr. Ray J. Davis of the University of Idaho, Southern Branch, at Pocatello.

The work of the Natural History Association in renovating and putting the herbarium in good condition was completed in August and the results have been very satisfactory.

Photographic and other visual aids

200 feet of kodachrome movies were exposed during the month and sent in for processing.

Assistant Naturalist Condon made plans for the assembling of a 1600 feet colored movie story on Yellowstone.

Two rolls of K-135 film were exposed during the month as was also one roll of size 616 film.

No work has been done in the darkroom.

Reports and memoranda

The seasonal report of the Naturalist Division was prepared and submitted late in September.

Six studies in order to determine if possible the relationship of cross payers and not springs to are deposition and also to attempt to solve the problem of the manner of transmission of the fluids from the magma to the surface of the earth - that is whether the fluids leave the magma as gases or as liquids.

Library Activities

The library activities are as follows:

Books in circulation.	1
Books received during September	2
Indefinite loan of books.	3
Complete received in September.	8
Magazines received in September	11

National History Association Activities.

The sales publication accounts were audited by Mr. Jenkins and the annual report of the executive secretary was prepared during the last week in September by Park Naturalist Dodge and all preparations were made for the annual meeting of the Board of Directors on October 1st.

Professional and fifty routine plant specimens were sent to Dr. Moore of the National Museum and other specimens were distributed to the New York Botanical Museum and Dr. Jay J. Davis of the University of Idaho, Northern Branch, at Pocatello.

The work of the National History Association in accounting and reporting the Northern is good condition was completed in August and the results have been very satisfactory.

Photographic and other visual aids

200 feet of Kodachrome movies were exposed during the month and sent in for processing.

Assistant Naturalist Dodge made slides for the circulating of a 2000 feet colored movie story on Yellowstone.

One rolls of 1-4.35 film were exposed during the month as well as one roll of size 400 film.

No work has been done in the Darkroom.

Reports and memoranda

The annual report of the Naturalist Division was prepared and submitted late in September.

Use of Park Facilities:

In cooperation with Professor Graton and the research project on hot springs and geysers the Park furnished a small pickup for transportation purposes. Also for part of the month Dr. Graton and Dr. Larsen used government quarters at Old Faithful.

PROPOSED OUTLINE OF WORK FOR OCTOBER

Since the library stacks are just about full and space for expansion is at a premium, plans will be made for working out additional space for the library and storage facilities for books and other materials.

The work on the Artist Point Exhibit will be continued and inventories of property will be taken during October.

Plans for the winter season will be made and the routine work of the Division carried on.

Some field trips on the observation of animal and bird life are planned; also on unusual thermal areas where observations will be made and recorded.

Park Naturalist Bauer is planning ten days of annual leave in October as is also Assistant Park Naturalist Condon and Clerk Van Cott.

Respectfully submitted,

C. Max Bauer

C. Max Bauer,
Park Naturalist.

Director (Russell)
Region II
Bumpus
Museum
CMB:LVC

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS
YELLOWSTONE NATIONAL PARK

SHEET ONE — Name of Area — SHEET ONE

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	2	1	
Temporary	9 beginning September 1 2 on September 15		

September — Month
1942 — Year

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
Auto Caravans				
Hiking Trips	15	252	1-1/2 hr.	482
Ruins				
*				
*List other types Total			XXXX	
LECTURES				
Campfire	18	1,179	1 hr.	1,179
Hotel or Lodge				
Museum				
Outside of Park				
Special**				
**Includes all other types Total			XXXX	
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station				
Mammoth Museum		1,404	30 min.	702
Madison Junction Museum		341	5 "	28
Old Faithful Museum		4,092	3 "	205
Fishing Bridge Museum		1,424	15 "	356
Old Faithful Cone Count	20	1,160	10 "	193
List by name and type			XXXX	
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
Beaver Field Exhibit		5,309	5 min.	442
Obsidian Cliff Exhibit		860	5 "	72
Tuff Cliff Exhibit		14	5 "	1
Firehole Canyon Exhibit		3,013	5 "	250
List by name and type			XXXX	

BROADCASTS

Station	Subject

Total Contacts See Sheet Two for totals
Total V.P.H. See Sheet Two for totals
Total Visitors See Sheet Two for totals

Name
Title C. Max Bauer, Park Naturalist

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

* AVERAGE DURATION OF ACTIVITY.

** THIS COLUMN REPRESENTS VISITOR PARTICIPATION HOURS. THE FIGURE IS OBTAINED BY MULTIPLYING THE VISITOR ATTENDANCE BY THE AVERAGE DURATION OF THE CONTACT; I.E., THE AVERAGE TIME DEVOTED TO THE TRIP, LECTURE, MUSEUM VISIT, OR USE OF INTERPRETIVE STATIONS.

SHEET ONE

128897

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS

YELLOWSTONE NATIONAL PARK
Name of Area

SHEET TWO

SHEET TWO

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	2	1	
Temporary	9 beginning September 1 2 on September 15		

September
Month
1942
Year

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
Auto Caravans				
Hiking Trips				
Ruins				
*				
*List other types Total	15	252	XXXX	482
LECTURES				
Campfire				
Hotel or Lodge				
Museum				
Outside of Park				
Special**				
**Includes all other types Total	18	1,179	XXXX	1,179
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station				
Old Faithful Geyser Basin		345	5 min.	29
List by name and type		8,766	XXXX	1,513
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
List by name and type		9,196	XXXX	765

BROADCASTS

Station	Subject

Total Contacts 1,9393
Total V.P.H. 3939
Total Visitors 14,349 (to Sept. 15)

Name
Title C. Max Bauer, Park Naturalist

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

* AVERAGE DURATION OF ACTIVITY.

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128897

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DIVISION FOR OCTOBER 1942

GENERAL

With the travel season over our attention was turned to the preparation of plans for the winter and the Assistant Park Naturalists were asked to prepare an outline of suggested winter work. These plans contain many items of work dealing with the research and educational program and also certain phases of the protection program. Topping the list for everyone is the elk reduction program to be carried out in Yellowstone this winter. There is no doubt that if this is approved by the Director all of the naturalists will be busily carrying out assignments in the elk reduction program from December 1, 1942 to March 31, 1943.

Administration

The Park Naturalist had some work in connection with the Yellowstone Library and Museum Association, and also spent four days in the field inspecting the museums and buildings under the Naturalist Division. Plans were made for getting more shelf space built in the library.

Assistant Park Naturalist Condon spent three days in the field taking pictures and observing wildlife and Assistant Park Naturalist Long spent four days in the field mainly in checking up property, putting shutters on field exhibits and taking photographs.

Much of the work during the month was routine and the preparation of records of property including books, study skins, and other items that required considerable time. No special activities were undertaken during the month.

Special Activities, conferences:

Several conferences were attended by the Park Naturalist including one on the adjustment of our 1944 preliminary estimates by the Division Heads and several other conferences on wildlife and the elk reduction program.

Personnel, labor

Park Naturalist Bauer was on duty all month except 9-1/2 days of annual leave from October 6 to the 16th inclusive.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DIVISION FOR
OCTOBER 1942

GENERAL

With the travel season over our attention was turned to the preparation of plans for the winter and the Assistant Park Naturalists were asked to prepare an outline of suggested winter work. These plans contain many items of work dealing with the research and educational program and also certain phases of the protection program. Topping the list for everyone is the air reduction program to be carried out in Yellowstone this winter. There is no doubt that if this is approved by the Director all of the naturalists will be busily carrying out assignments to the air reduction program from December 1, 1942 to March 31, 1943.

Administration

The Park Naturalist has come work in connection with the Yellowstone Library and Nature Association, and also spent four days in the field inspecting the museums and buildings under the Naturalist Division. Plans were made for getting more shelf space built in the library.

Assistant Park Naturalist Dunham spent three days in the field taking pictures and observing wildlife and Assistant Park Naturalist Lang spent four days in the field solely in checking up property, getting shelters on field exhibits and taking photographs.

Much of the work during the month was routine and the preparation of records of property including books, study skins, and other items that required considerable time. No special activities were undertaken during the month.

Special Activities, conferences.

Several conferences were attended by the Park Naturalist including one on the adjustment of our 1942 preliminary estimates by the Division Heads and several other conferences on wildlife and the air reduction program.

Personnel, labor

Park Naturalist Hamer was on duty all month except 0-1/2 days of annual leave from October 6 to the 16th inclusive.

Assistant Park Naturalist Condon was on duty all month up to the close of October 23 at which time he took annual leave. He expects to return on November 9.

Assistant Park Naturalist Long was on duty all month except two days of sick leave and four hours on annual leave.

Clerk LeRoy Van Cott was on duty all month except from the 16th to noon of the 28th on annual leave, and sick leave on the 30th.

No ranger naturalists were employed during the month of October.

Interpretation:

Lectures, Guide Service, and Interpretive Contacts

No public contact work was carried on during the month. However, Mr. Long who serves as chairman of the school board has given some of his own time to this work and an hour for the school children on one day for nature study.

Statistical Report:

The statistical report for the month of October is attached.

Museum Activities and Exhibits:

All museums were closed during the month of October. Shutters were placed on the field exhibits on October 27 and 28.

Progress of exhibit plans and projects;

Assistant Park Naturalist Long has completed the Artist Point Exhibit Panel A and has done some work on Panel B which will probably be finished in November.

Research and Observation - Staff projects:

One day of research on materials for Artist Point Field Exhibit was spent by Mr. Long. Park Naturalist Bauer spent two and a half days on historical research. Several hours at different times were spent by Mr. Condon on the preparation of a paper on the Anatomical Characteristics of Trumpeter Swan.

Research and Observation - Cooperative Projects:

Letters have been received from Professor L. C. Graton outlining the work which he did this fall on the hot springs and geysers and proposing continuation of this research project. The project is looked upon favorably by the Superintendent and the Park Naturalist and plans will be made to promote this project in the near future.

Assistant Park Naturalist Condon was on duty all month up to the close of October 21 at which time he took annual leave. He expects to return on November 6.

Assistant Park Naturalist Long was on duty all month, except two days of sick leave and four hours on annual leave.

Clerk Lenny Van Dott was on duty all month except four hours of sick leave and four hours on annual leave, and sick leave on the 20th.

Six ranger naturalists were employed during the month of October.

Interpretation.

Lectures, Guide Service, and Interpretive Contacts

In public contact work was carried on during the month. Ranger, Van Dong who serves as chairman of the school board has given some of his own time to this work and on tour for the school children on one day for return study.

Statistical Report.

The statistical report for the month of October is attached.

Museum Activities and Exhibits.

All museums were closed during the month of October. Exhibits were placed on the field exhibits on October 27 and 28.

Progress of exhibit plans and projects.

Assistant Park Naturalist Long has completed the orders for the Exhibit Panel A and has done some work on Panel B which will probably be finished in Chapman.

Research and Observation - Staff projects.

One day of research on materials for artist Paul Field Exhibit has spent by Mr. Long. Park Naturalist Bower spent two and a half days on this technical research. Several hours at different times were spent by Mr. Bower on the preparation of a paper on the geological characteristics of Computer Dome.

Research and Observation - Cooperative Projects.

Letters have been received from Professor H. C. Dodge outlining the work which he did this fall on the bat springs and payment and preparing mentionation of this research project. The project is looked upon favorably by the Superintendent and the Park Naturalist and plans will be made to promote this project in the near future.

Library Activities

Plans have been made to install more shelving in the library to take care of our needs for additional space.

Books in circulation.	3
Books received during October	6
Indefinite loan of books.	1
Pamphlets received in October	7
Magazines received in October	13

Natural History Association Activities

Several books were purchased for the library during the month. The annual meeting of the Board of Directors was held on October 1st with the following members of the Yellowstone Library and Museum Association present: Chairman T. Paul Wilcox, Edmund B. Rogers, J. W. Emmert, Francis D. LaNoue, David Condon, C. Max Bauer, and Jack E. Haynes. Albert Long was present as a guest. To fill the vacancy of Hugh Peyton, District Ranger Frank Anderson was elected as a Director. The Association's business during the summer was only about 1/3 that of recent years and therefore our funds are considerably limited. An annual report of the activities of this Association has been submitted to the Branch of Research and Interpretation.

Photographic and other visual aids

The following work was done by the Naturalist Division during the month:

Enlargements made -	3-1/4 x 4-1/4	198
	5 x 7	13
	8 x 10	15
Contact Prints Made -	4 x 5	82
	4 x 6	16
	6 x 8	4
	3-1/2 x 4-1/4	95
	2-1/4 x 3-1/4	24
Films developed -	Panchromatic 35 mm 36 mm	2
	Super XX 35 mm 36 exp.	4
	Film Pack - 4 x 5	1
	Roll Size 616	1

Reports and Memoranda

During the month a memoranda prepared by Ranger Naturalist George Marler was reviewed by the Superintendent, the Chief Ranger, and the Park Naturalist and a memorandum prepared for the Director on the necessity for protection of the thermal features in Yellowstone National Park and similar natural phenomena.

Library Activities

Place here been made to install more shelving in the library to make more of our needs for additional space.

Books in circulation.	3
Books received during October	6
Indefinite loan of books.	1
Periodicals received in October	1
Magazines received in October	11

Natural History Association Activities

Several books were purchased for the library during the month. The annual meeting of the Board of Directors was held on October 1st with the following members of the Philadelphia Library and Bronx Association present: Chairman T. Paul Wilson, Edward R. Rogers, J. H. Sherry, Francis H. Lahore, David Gordon, G. Ellis Thomas, and Carl R. Rogers. Albert Long was present as a guest. In fill the memory of Hugh Peyton, Elizabeth Hooper Frank Andersen was elected as a director. The association's business during the month was only about 1/3 that of recent years and therefore our funds are considerably limited. An annual report of the activities of this association has been submitted to the Board of Research and Interpretation.

Photographs and other visual aids

The following work was done by the Photoallist Division during the month:

Photographs made -	3-1/2 x 4-1/4	100
	3 x 5	11
	5 x 10	15
Contact Prints made -	4 x 5	25
	4 x 6	30
	6 x 8	4
	5-1/2 x 4-1/4	27
	4-1/4 x 3-1/4	50
Films developed -	Fundamentals 35 mm 36 ex	4
	Super XX 35 mm 36 exp.	4
	Film Pack - 4 x 5	3
	Well size 616	1

Reports and Resources

During the month a resources prepared by Roger Schoenlist Sharpe Shrier was revised by the Superintendent, the Chief Ranger, and the Park Naturalist and a resources prepared for the Director on the generality for protection of the Natural Features in Philadelphia National Park and similar natural resources.

PROPOSED OUTLINE OF WORK FOR NOVEMBER

Continuation of the work on the Artist Point Exhibit and preparation of Panel B will be carried forward and doubtless completed.

The building of shelving in the library will be undertaken during November.

Plans for giving assistance to the rangers in the elk reduction program will be studied and work in this connection will probably be assigned.

Respectfully submitted,

C. Max Bauer,
Park Naturalist.

Director (Russell)
Region II
Bumpus
Museum
CMB:LVC

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS

Yellowstone National Park
Name of Area

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	2	1	
Temporary			

October
Month
1942
Year

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
Auto Caravans				
Hiking Trips				
Ruins				
*				
*List other types Total			XXXX	
LECTURES				
Campfire				
Hotel or Lodge				
Museum				
Outside of Park				
Special**				
**Includes all other types Total			XXXX	
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station				
List by name and type			XXXX	
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
List by name and type			XXXX	

BROADCASTS

Station	Subject

Total Contacts None
Total V.P.H. None
Total Visitors 4,809

Name
Title C. Max Bauer, Park Naturalist

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

* AVERAGE DURATION OF ACTIVITY.

** THIS COLUMN REPRESENTS VISITOR PARTICIPATION HOURS. THE FIGURE IS OBTAINED BY MULTIPLYING THE VISITOR ATTENDANCE BY THE AVERAGE DURATION OF THE CONTACT; I.E., THE AVERAGE TIME DEVOTED TO THE TRIP, LECTURE, MUSEUM VISIT, OR USE OF INTERPRETIVE STATIONS.

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS

SHEET ONE **YELLOWSTONE NATIONAL PARK** **SHEET ONE**

Name of Area

June 1, 1942 to September 15, 1942

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	2	1	
Temporary	16		

Month 30 1942 – Year

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
~~XXXXXXXXXXXX~~ All-day hiking trips	8	36	8 hours	270
Hiking Trips	581	14,280	1 hr. 45 "	27,631
~~Xxxxx~~ Mammoth Hot Springs Terrace Walks	86	2,368	1 hour	2,368
* Special Parties	3	11	1 hour	11
*List other types Total			XXXX	
LECTURES				
Campfire	264	28,761	1 hour	28,761
Hotel or Lodge				
Museum	619	17,288	7-1/2 min.	2,827
Outside of Park	1	125	1-1/2 hrs.	187
Special**	7	534	45 min.	522
**Includes all other types Total			XXXX	
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station				
Mammoth Museum		24,202	22-1/2 min.	8,406
Norris Museum		22,462	13 min.	4,664
Madison Junction Museum		10,782	5 min.	897
Old Faithful Museum		54,146	3 min.	2,707
Fishing Bridge Museum		30,315	15 min.	7,579
List by name and type			XXXX	
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
Beaver Field Exhibit		59,116	5 min.	4,926
Obsidian Cliff Exhibit		9,526	5 min.	796
Nymph Lake Exhibit		Not in operation this season		
Tuff Cliff Exhibit		159	5 min.	13
List by name and type			XXXX	

BROADCASTS

Station	Subject

Total Contacts See Sheet Two for totals
Total V.P.H. See Sheet Two for totals
Total Visitors See Sheet Two for totals

Name
Title C. Max Bauer, Park Naturalist

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

* AVERAGE DURATION OF ACTIVITY.

** THIS COLUMN REPRESENTS VISITOR PARTICIPATION HOURS. THE FIGURE IS OBTAINED BY MULTIPLYING THE VISITOR ATTENDANCE BY THE AVERAGE DURATION OF THE CONTACT; I.E., THE AVERAGE TIME DEVOTED TO THE TRIP, LECTURE, MUSEUM VISIT, OR USE OF INTERPRETIVE STATIONS.

SHEET ONE

128897

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS
YELLOWSTONE NATIONAL PARK
Name of Area

SHEET TWO

SHEET TWO
June 1, 1942 to
September 15, 1942
Month 30
Year

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	2	1	
Temporary	16		

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
~~[illegible]~~				
Hiking Trips				
Ruins				
*				
*List other types Total	678	16,695	XXXX	30,280
LECTURES				
Campfire				
Hotel or Lodge				
Museum				
Outside of Park				
Special**				
**Includes all other types Total	891	46,708	XXXX	32,297
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station				
Old Faithful Cone Count	572	55,298	10 min.	9,216
Old Faithful Geyser Basin		7,165	5 min.	597
Artist Point		11,149	1 min.	186
Grqnd View		4,820	1 min.	80
		2		
List by name and type		220,339	XXXX	34,332
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
Firehole Canyon Exhibit		33,552	5 min.	2,795
List by name and type		102,353	XXXX	8,530

BROADCASTS

Station	Subject

Total Contacts 386,095
Total V.P.H. 105,439
Total Visitors ~~159,774~~ 65,651

Name
Title C. Max Bauer, Park Naturalist

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

* AVERAGE DURATION OF ACTIVITY.

** THIS COLUMN REPRESENTS VISITOR PARTICIPATION HOURS. THE FIGURE IS OBTAINED BY MULTIPLYING THE VISITOR ATTENDANCE BY THE AVERAGE DURATION OF THE CONTACT; I.E., THE AVERAGE TIME DEVOTED TO THE TRIP, LECTURE, MUSEUM VISIT, OR USE OF INTERPRETIVE STATIONS.

SHEET TWO

128897

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DIVISION FOR NOVEMBER 1942

GENERAL

The winter program has been outlined for Assistant Park Naturalists Condon and Long and a tentative program for Park Naturalist Bauer. Just how much of these work programs will be carried out depends, of course, upon pending transfers of the men involved.

Administration

A letter was sent to the ranger naturalists in the military service giving them news of Yellowstone Park and the addresses of each one of the other men.

The Park Naturalist prepared a memorandum for the Superintendent outlining educational methods for handling the protection of the geysers and hot springs. He also was present at some conferences concerning the elk reduction program and other matters.

A report was submitted for review and submission to the United States Board on Geographic Names which included 230 names on which decisions are required and some 16 errors in past decisions that are submitted for correction. It also contained a list of 88 group names for springs and geysers in Yellowstone Park.

Special Activities, conferences:

The Park Naturalist served on the local ration board #24 the evenings of November 18, 19, and the afternoon of the 20th. He has had several evening meetings with the Board at other times during the month.

Personnel, labor

Park Naturalist Bauer was on duty all month except 3-1/2 days of sick leave from the 4th to the 7th inclusive.

Assistant Park Naturalist Condon was on duty all month except 5-1/2 days of annual leave during the first week in November.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DIVISION FOR
NOVEMBER 1948

GENERAL

The winter program has been outlined for assistant Park Naturalists Condon and Long and a tentative program for Park Naturalist Bauer. Just how much of these work programs will be carried out depends, of course, upon pending transfers of the men involved.

Administration

A letter was sent to the ranger naturalists in the military service giving them news of Yellowstone Park and the addresses of each one of the other men.

The Park Naturalist prepared a memorandum for the Superintendent outlining educational methods for handling the protection of the geysers and hot springs. To also was present at some conferences concerning the elk reduction program and other matters.

A report was submitted for review and submission to the United States Board on Geographic Names which included 230 names on which decisions are required and some 14 errors in past decisions that are submitted for correction. It also contained a list of 80 group names for springs and geysers in Yellowstone Park.

Special Activities, conferences:

The Park Naturalist served on the local ration boxes FCL, the evenings of November 18, 19, and the afternoon of the 20th. He had had several evening meetings with the Board at other times during the month.

Personnel, labor

Park Naturalist Bauer was on duty all month except 3-1/2 days of sick leave from the 14th to the 7th inclusive.

Assistant Park Naturalist Condon was on duty all month except 3-1/2 days of annual leave during the first week in November.

Assistant Park Naturalist Long was on duty all month except one day of annual leave and one-half day of sick leave.

Clerk LeRoy Van Cott was on duty all month except 1-1/2 day of sick leave.

No ranger naturalists were employed during the month of November.

The janitor work in the naturalist office was carried on through the Division of Plumbing and Sanitation which supplied a man for about an hour each day.

Interpretation:

Lectures, Guide Service, and Interpretive Contacts

A public showing of a new 1600 foot movie reel on Yellowstone National Park was given on the evening of November 18 by Mr. Condon in the canteen at Mammoth. About 70 people were in attendance.

Statistical Report:

The statistical report for the month of November is attached.

Museum Activities and Exhibits:

The Artist Point field exhibit was practically completed during the month of November and is now ready for setting up in the structure at Artist Point.

Progress of exhibit plans and projects:

Mr. Long spent 6-1/2 days writing up materials for a study of the interpretive structures already in existence in the Park.

Research and Observation:

A study of the nature of ore fluids was made by the Park Naturalist in order to carry on cooperative work with Dr. L. C. Graton on a study of geysers.

Library Activities:

Books in circulation.	3
Books received during November.	8
Indefinite loan of books.	2
Pamphlets received in November.	3
Magazines received in November.	14

Assistant Park Superintendent Long was on duty all month except one day of annual leave and one-half day of sick leave.

Clerk Lahey Tan Dorn was on duty all month except 1-1/2 day of sick leave.

No ranger naturalists were employed during the month of November.

The janitor work in the naturalist office was carried on through the Division of Flushing and Facilities which supplied a man for about an hour each day.

Interpretation.

Lectures, Guide Service, and Interpretive Contact.

A public showing of a new 1500 foot movie reel on Tribesmen National Park was given on the evening of November 18 by Mr. Jensen in the auditorium of Nemesis. About 70 people were in attendance.

Statistical Report.

The statistical report for the month of November is attached.

Museum Exhibition and Activity.

The Artist Point Field exhibit was practically completed during the month of November and is now ready for setting up in the structure at Artist Point.

Progress of exhibit plans and projects.

Mr. Long spent 5-1/2 days setting up materials for a study of the interpretive structures already in existence in the park.

Research and Observation.

A study of the nature of the Fields and made of the Park Naturalist in order to carry on cooperative work with Mr. L. L. Dreiss on a study of [illegible].

Library Activities.

Books in circulation.	1
Books received during November.	2
Indefinite loan of books.	3
Pamphlets received in November.	5
Magazines received in November.	10

Natural History Association Activities

About 15 books were ordered during the month for the library and plans were made for putting additional shelving in the library to take care of books which are being added from time to time.

Photographic and other visual aids

Twelve days were used by Mr. Condon in cutting, splicing, editing, and assembling a new 1600 foot reel of colored motion pictures of Yellowstone Park. This reel is being submitted to the Chicago Office for duplication together with the script for a sound track.

Reports and Memoranda

The Park Naturalist spent 2-1/2 days studying and editing a report on the Interpretive Plan and Development Outline for Isle Royale National Park. A memorandum on the subject has been submitted to the Regional Director.

He also reviewed a plan submitted by the Custodian of Dinosaur National Monument to report the existing museum facilities and prepared a memorandum for the regional office on this subject.

PROPOSED OUTLINE OF WORK FOR DECEMBER

A script for the sound track of a new 1600 foot movie reel is being prepared by Mr. Condon and will be completed early in December.

A study of the existing interpretive structures in Yellowstone is being carried on by Mr. Long and will probably consume most of his time during the month.

The Park Naturalist will be engaged in analyzing the work of Professor Graton and preparing a memorandum for the Superintendent on further research proposed by Professor Graton on the subject.

Further work will be carried on by the Park Naturalist on the study of the preservation of geysers and hot springs and an analysis of law enforcement methods will also be prepared.

Respectfully submitted,

C. Max Bauer,
Park Naturalist.

Director (Russell)
Region II
Bumpus
Museum
LVC

Natural History Association Activities

About 11 books were ordered during the month for the library and plans were made for putting additional shelving in the library to take care of books which are being added from time to time.

Photographic and other visual aids

Twelve days were used by Mr. Condon in cutting, splicing, editing, and assembling a new 1500 foot reel of colored motion pictures of Yellowstone Park. This reel is being submitted to the Chicago Office for duplication together with the script for a sound track.

Reports and Memoranda

The Park Naturalist spent 2-1/2 days studying and editing a report on the interpretive plan and development outline for Isle Royale National Park. A memorandum on the subject has been submitted to the Regional Director.

He also reviewed a plan submitted by the Association of Museums Regional Museums to report the existing museum facilities and prepared a memorandum for the regional office on this subject.

PROPOSED OUTLINE OF WORK FOR TEMPORARY

A script for the sound track of a new 1500 foot movie reel is being prepared by Mr. Condon and will be completed early in December.

A study of the existing interpretive structures in Yellowstone is being carried on by Mr. Long and will probably consume most of his time during the month.

The Park Naturalist will be engaged in analyzing the work of Professor Graton and preparing a memorandum for the Superintendent on further research proposed by Professor Graton on the subject.

Further work will be carried on by the Park Naturalist on the study of the preservation of papers and hot springs and an analysis of law enforcement methods will also be proposed.

Respectfully submitted,

E. Max Bauer,
Park Naturalist.

Director (Russell)
Region II
Chicago
Museum
LWD

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS

Yellowstone National Park
Name of Area

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	2	1	
Temporary			

November
Month
1942
Year

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
Auto Caravans				
Hiking Trips				
Ruins				
*				
*List other types Total			XXXX	
LECTURES				
Campfire				
Hotel or Lodge				
Museum				
Outside of Park				
Special**				
**Includes all other types Total			XXXX	
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station				
List by name and type			XXXX	
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
List by name and type			XXXX	

BROADCASTS

Station	Subject

Total Contacts **None**
Total V.P.H. **None**
Total Visitors **141**

Name
Title **C. Max Bauer, Park Naturalist.**

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

* AVERAGE DURATION OF ACTIVITY.

** THIS COLUMN REPRESENTS VISITOR PARTICIPATION HOURS. THE FIGURE IS OBTAINED BY MULTIPLYING THE VISITOR ATTENDANCE BY THE AVERAGE DURATION OF THE CONTACT; I.E., THE AVERAGE TIME DEVOTED TO THE TRIP, LECTURE, MUSEUM VISIT, OR USE OF INTERPRETIVE STATIONS.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

YELLOWSTONE NATIONAL PARK

REPORT OF THE NATURALIST DIVISION FOR DECEMBER 1942

GENERAL

Considerable time was spent by the Park Naturalist in conferences with the Assistant Superintendent, Chief Ranger, and others on the elk reduction. The Park Naturalist also accompanied a party of officials to Livingston on December 17 to speak before the Rod and Gun Club on the reasons for reducing the Northern Yellowstone Elk herd.

Assistant Park Naturalist Long was assigned to the Ranger Division to help in the shipment of elk carcasses. Assistant Park Naturalist Condon was also assigned to the Ranger Division to assist in shooting the elk and spent a total of nine days in the field. He also obtained some good photographs for publicity purposes.

Administration

The usual work of the Division was carried on during the month. Considerable effort was made to finish the Artist Point exhibit before Mr. Long had to leave. Also much time was spent in completing the 1600 foot colored movie which was mailed to Chicago on December 8th. Most of the filing of negatives which were held over from the summer season was completed during December.

Special Activities, conferences:

The Park Naturalist accompanied Messrs. Emmert, Evans, Barrows, and Joffe to Livingston on the night of December 17 to discuss the elk reduction program with the local Rod and Gun Club. About 120 persons were present at the meeting.

Personnel, labor

Park Naturalist Bauer was on duty all month except annual leave from December 21st at noon to the close of December 30th.

Assistant Park Naturalist Condon was on duty all month except two days of annual leave.

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

YELLOWSTONE NATIONAL PARK

REPORT OF THE NATURALIST DIVISION FOR
DECEMBER 1948

GENERAL

Considerable time was spent by the Park Naturalist in conferences with the Assistant Superintendent, Chief Ranger, and others on the elk reduction. The Park Naturalist also accompanied a party of officials to Livingston on December 17 to speak before the Rod and Gun Club on the reasons for reducing the Northern Yellowstone Elk Herd.

Assistant Park Naturalist Long was assigned to the Ranger Division to help in the shipment of elk carcasses. Assistant Park Naturalist Condon was also assigned to the Ranger Division to assist in shooting the elk and spent a total of nine days in the field. He also obtained some good photographs for publicity purposes.

Administration

The usual work of the Division was carried on during the month. Considerable effort was made to finish the artist Point exhibit before Mr. Long had to leave. Also much time was spent in completing the 1950 Park colored movie which was called to Chicago on December 6th. Most of the filing of negatives which were held over from the summer season was completed during December.

Special activities, conferences

The Park Naturalist accompanied Messrs. Bennett, Evans, Barrows, and Joffe to Livingston on the night of December 17 to discuss the elk reduction program with the local Rod and Gun Club. About 150 persons were present at the meeting.

Personnel, labor

Park Naturalist Donor was on duty all month except annual leave from December 21st at noon to the close of December 30th.

Assistant Park Naturalist Condon was on duty all month except two days of annual leave.

Assistant Park Naturalist Long was on duty all month except 8-3/4 days of annual leave. Mr. Albert E. Long left Yellowstone National Park at noon December 31 to accept a position by transfer with the War Production Board at Washington, D. C.

Clerk LeRoy Van Cott was on duty all month except two days of sick leave on December 21 and 22.

No ranger naturalists were employed during the month of December.

The janitor work in the naturalist office was carried on through the Division of Plumbing and Sanitation.

Interpretation:

No public lectures or guide service was carried on through December. However the Park Naturalist has served as President of Local #465 Federal Employees Union since September and has given some of his personal time to this organization.

Statistical Report

The statistical report for the month of December is attached.

Museum Activities and Exhibits:

Further work was done on the Artist Point Field Exhibit and the materials are now installed in the case which will be used at Artist Point when the structure is set up.

Progress of exhibit plans and projects

Mr. Long spent about half his time during the month on a study of the interpretive structures now existing in Yellowstone Park. He also prepared a statement of the structures at Mammoth, between Mammoth and Norris, and at Norris. In addition he compiled a chart showing the use of 18 museums in eight of our western national parks. A memorandum of the utilization of museums in Yellowstone Park was also prepared.

Research and Observation

A number of days were spent by Mr. Condon and parts of two days by the Park Naturalist in the study and observation of elk and game distribution at this season of the year.

Assistant Park Naturalist Long was on duty all month except 5-1/2 days of annual leave. Mr. Albert E. Long left Yellowstone National Park at noon December 31 to accept a position by transfer with the Mr. Production Board at Washington, D. C.

Clark Lahoy Van Dort was on duty all month except two days of sick leave on December 21 and 22.

No ranger naturalists were employed during the month of December.

The janitor work in the naturalist office was carried on through the division of Plumbing and Sanitation.

Interpretation:

No public lectures or guide service was carried on through December. However the Park Naturalist has served as President of Local Fish Federal Employees Union since September and has given some of his personal time to this organization.

Statistical Report

The statistical report for the month of December is attached.

Museum Activities and Exhibits:

Further work was done on the Artist Point Field Exhibit and the materials are now installed in the case which will be used at Artist Point when the structure is set up.

Progress of exhibit plans and projects

Mr. Long spent about half the time during the month on a study of the Interpretive structures now existing in Yellowstone Park. He also prepared a statement of the structures of Mammoth, between Mammoth and Norris, and at Norris. In addition he compiled a chart showing the use of 10 museums in eight of our western national parks. A memorandum of the utilization of museums in Yellowstone Park was also prepared.

Research and Observation

A number of days were spent by Mr. Condon and parts of two days by the Park Naturalist in the study and observation of elk and game distribution at this season of the year.

Library Activities:

Books in circulation.	4
Books received during December.	20
Indefinite loan of books.	2
Pamphlets received in December.	13
Magazines received in December.	12

Natural History Association Activities:

Back numbers of Wyoming Annals were secured by the Association from the Wyoming Historical Society. A nearly complete set is now on hand. Some of them have been bound and other complete volumes will be bound soon.

Photographic and other visual aids:

Mr. Condon completed the assembling of a new 1600 foot reel of colored motion pictures of Yellowstone Park. He also prepared a narrative to accompany this movie which can be used with the silent film or if a sound track is used it will fit in as it has been properly timed for this purpose.

Clerk Van Cott has spent about four days in numbering and titling negatives and prints and filing same.

Six days were spent by the Assistant Park Naturalists in the darkroom and the following work accomplished.

Film developed -	3	12 exposure, 4 x 5 film packs
	8	4 x 5 cut film

Prints made -	4 x 5	190 contact prints
	3-1/2 x 5-1/2	40 contact prints
	3-1/4 x 4-1/2	10 contact prints
	8 x 10	60 enlargements
	5 x 7	40 enlargements
	4 x 5	12 enlargements

Reports and Memoranda:

At the request of the Chicago Office the Park Naturalist has spent several days editing a paper on Ubehebe Crater from Death Valley National Monument and also the Interpretive Statement for Death Valley National Monument.

Library Activities:

Books in circulation.	4
Books received during December.	20
Indefinite loan of books.	2
Complete required in December.	13
Magazines received in December.	12

Natural History Association Activities:

Each members of Wyoming schools were secured by the association from the Wyoming Historical Society. A nearly complete set is now on hand. Some of them have been bound and other complete volumes will be bound soon.

Photographic and other visual aids:

Dr. Gordon completed the assembling of a new 1000 foot reel of colored motion pictures of Yellowstone Park. He also prepared a narrative to accompany this movie which can be used with the silent film or if a sound track is used it will fit in as it has been properly timed for this purpose.

Clark Van Dort has spent about four days in numbering and titling negatives and prints and filing pans.

The days were spent by the Assistant Park Naturalists in the darkroom and the following work accomplished.

Film developed - 1 12 exposure, 4 x 5 film books
0 4 x 5 sub film

Prints made -	4 x 5	190 contact prints
	3x1/8 x 3x1/2	40 contact prints
	3x1/8 x 4x1/2	32 contact prints
	8 x 10	60 enlargements
	5 x 7	40 enlargements
	4 x 5	32 enlargements

Reports and Resources:

At the request of the Chicago Office the Park Naturalist has spent several days editing a paper on Chehalis Crater from Death Valley National Monument and also the Interpretive Statement for Death Valley National Monument.

PROPOSED OUTLINE OF WORK FOR JANUARY 1943

It is planned that a good portion of the time of Mr. Condon will be devoted to assistance of the various phases of the elk reduction program.

As time permits Mr. Condon will bring up the photographic albums and negative records to date.

The Park Naturalist will assist on the elk reduction program from time to time and plans to do further work along the line started by Mr. Long on the Interpretive structures in Yellowstone. He will also study plans for getting the next summer's work done without the aid of ranger naturalists.

Efficiency ratings for the ranger naturalists will be submitted during the first part of the month.

Respectfully submitted,

C. Max Bauer,
Park Naturalist.

Director (Russell)
Region II
Bumpus
Museum
LVC

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS

YELLOWSTONE NATIONAL PARK
Name of Area

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	2	1	
Temporary			

December
Month
1942
Year

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
Auto Caravans				
Hiking Trips				
Ruins				
*				
*List other types Total			XXXX	
LECTURES				
Campfire				
Hotel or Lodge				
Museum				
Outside of Park				
Special**				
**Includes all other types Total			XXXX	
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station				
List by name and type			XXXX	
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
List by name and type			XXXX	

BROADCASTS

Station	Subject

Total Contacts None
Total V.P.H. None
Total Visitors 480

Name
Title C. Max Bauer, Park Naturalist

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

* AVERAGE DURATION OF ACTIVITY.

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128897

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYO.

OFFICE OF THE SUPERINTENDENT

REPORT OF THE NATURALIST DIVISION FOR JANUARY 1943

GENERAL:

During two weeks of January we had some of the severest weather which Yellowstone has experienced in a number of years. It was fortunate that the elk reduction program was completed just before this bad weather. The Naturalist Division assisted in the elk reduction program in various ways. The Park Naturalist attended a number of conferences that were held besides securing some pictures of the program. Assistant Park Naturalist Condon spent a number of days in the field shooting elk and supervising operations there. We also assisted in the research work carried on by Dr. O. J. Murie and Mr. Condon accompanied Mr. Cahalane in the field on two different days.

Administration

Administrative work of the Division was carried on throughout the month by Park Naturalist Bauer. Most of the time was spent in answering correspondence, in conference with Messrs. Emmert and Barrows and other Division heads, and in supervising the work of filing photographs and negatives. Efficiency ratings of 16 ranger naturalists were submitted during the month.

Special Activities, conferences:

A special conference was held on January 22 to review the elk reduction program and discuss the Yellowstone bear problem with Messrs. Cahalane, Rogers, Barrows, Evans, Condon, Joffe, Emmert, and myself.

Personnel, labor:

Park Naturalist Bauer was on duty all month except annual leave on January 7, and sick leave on the afternoon of January 11, and the 12th and 13th.

Assistant Park Naturalist Condon was on duty all month except annual leave on January 7.

Clerk LeRoy Van Cott was on duty all month.

Statistical Report

The statistical report for the month of January is attached.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYO.

REPORT OF THE NATURALIST DIVISION FOR
JANUARY 1943

GENERAL:

During the scale of January we had some of the severest weather which Yellowstone has experienced in a number of years. It was fortunate that the oil reduction program was completed just before this bad weather. The Naturalist Division assisted in the oil reduction program in various ways. The Park Naturalist attended a number of conferences that were held besides securing some pictures of the program. Assistant Park Naturalist Dunlop spent a number of days in the field shooting oil and supervising operations there. We also assisted in the research work carried on by Dr. [illegible] and Dr. Dunlop accompanied Dr. Cahalane in the field on two different days.

Administration

Administrative work of the Division was carried on throughout the month by Park Naturalist Dunlop. Most of the time was spent in answering correspondence, in conference with Messrs. Smart and Garrett and other Division heads, and in supervising the work of filing photographs and negatives. Efficiency ratings of 18 ranger naturalists were submitted during the month.

Special activities, conferences:

A special conference was held on January 20 to review the oil reduction program and discuss the Yellowstone beer problem with Messrs. [illegible], Rogers, Barrows, Dunlop, Condon, Jaffe, Smart, and Spaulf.

Personnel, labor:

Park Naturalist Dunlop was on duty all month except annual leave on January 7, and sick leave on the afternoon of January 11, and the 19th and 15th.

Assistant Park Naturalist Dunlop was on duty all month except annual leave on January 7.

Clerk Labor Van Fett was on duty all month.

Statistical Report

The statistical report for the month of January is attached.

Progress of exhibit plans and projects:

The Park Naturalist examined a preliminary report by former Assistant Park Naturalist Albert Long on the Interpretive Structures which are now located at Mammoth, Norris, and between these two stations.

Research and Observation:

Assistant Park Naturalist Condon spent four days in the field assisting Mr. O. J. Murie on the study of elk stomachs and a collection of data regarding their food at this time of year. The Park Naturalist assisted Mr. Murie part of two days on the same work.

Library Activities:

Books in circulation.	6
Books received during January . . .	7
Indefinite loan of books.	2
Pamphlets received in January . . .	8
Magazines received in January . . .	11

Natural History Association Activities:

During January we sent to the binders all of the issues of "Annals of Wyoming" which we had complete from 1929 to 1942. These were bound and returned to the library and paid for by the Yellowstone Library and Museum Association.

Photographic and other Visual Aids:

A total of eight days were spent working in the darkroom preparing pictures to complete our photograph files. The following work was all done by Mr. Condon:

Prints made:	4 x 5	377 contact prints
	3-1/4 x 4-1/4	15 contact prints
	3-1/4 x 4-1/4	282 enlargements
	4 x 5	40 enlargements
	5 x 7	17 enlargements
	8 x 10	24 enlargements
	12 x 20	4 enlargements
Film developed:	4 x 5 cut film	45
	4 x 5 film pack	4
	35 mm film	2

Clerk Van Cott and Mr. Condon have been very busy during the last two weeks filing negatives which consists of numbering, titling, and filing prints in the albums which are used for a photograph record. Approximately 1,000 negatives and their accompanying prints are being filed. This work will carry over into February.

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS

YELLOWSTONE NATIONAL PARK
Name of Area

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	1	1	
Temporary			

January
Month
1943
Year

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
Auto Caravans				
Hiking Trips				
Ruins				
*				
*List other types Total			XXXX	
LECTURES				
Campfire				
Hotel or Lodge				
Museum				
Outside of Park				
Special**				
**Includes all other types Total			XXXX	
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station				
List by name and type			XXXX	
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
List by name and type			XXXX	

BROADCASTS

Station	Subject

Total Contacts None
Total V.P.H. None
Total Visitors 215

Name
Title C. Max Bauer, Park Naturalist.

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

* AVERAGE DURATION OF ACTIVITY.

** THIS COLUMN REPRESENTS VISITOR PARTICIPATION HOURS. THE FIGURE IS OBTAINED BY MULTIPLYING THE VISITOR ATTENDANCE BY THE AVERAGE DURATION OF THE CONTACT; I.E., THE AVERAGE TIME DEVOTED TO THE TRIP, LECTURE, MUSEUM VISIT, OR USE OF INTERPRETIVE STATIONS.

128897

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYO.

OFFICE OF THE SUPERINTENDENT

REPORT OF THE NATURALIST DIVISION FOR FEBRUARY 1943

GENERAL:

Inasmuch as David D. Condon, Assistant Park Naturalist, left the Park on February 5 to become Park Naturalist at Rocky Mountain National Park with Associate Grade, this left the Division without an assistant naturalist. For the remainder of the month Clerk LeRoy Van Cott and the Park Naturalist carried on with the necessary routine and spent much of the time in working up the photographic file. With ten or twelve employees in the Park taking pictures occasionally and some of them quite frequently the photographic file requires considerable attention and a lot of work to keep it current. Not having the help for the last year and a half we have had an accumulation of over 1,000 negatives and prints which we have been trying to take care of during the last two months.

Administration

The administrative work of the Naturalist Division was carried on during the month by Park Naturalist Bauer. After Mr. Condon left on February 5th the only other employee in the Department was Clerk LeRoy Van Cott who received his call to the Military Service on February 18 and expects to be inducted on the 1st of March.

Special Activities, conferences

A conference was held of Division Heads and other key personnel on February 16 at which the finances of the Park and plans for the next season and for the spring preparations were discussed. Numerous conferences have been held throughout the month with the Superintendent, Assistant Superintendent, Acting Park Engineer Wohlbrandt, and various members of the ranger staff.

Personnel, labor

Park Naturalist Bauer was on duty all month except two days of sick leave on February 6th and 8th.

Clerk LeRoy Van Cott was on duty all month except one day of annual leave.

Assistant Park Naturalist Condon was on duty from February 1 to the 7 inclusive at which time he was taken over on the payroll of Rocky Mountain National Park.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYO.

REPORT OF THE NATURALIST DIVISION FOR
FEBRUARY 1949

GENERAL:

Beacock as David D. Condon, Assistant Park Naturalist, left the Park on February 5 to become Park Naturalist at Rocky Mountain National Park with Associate Grade, CRLA left the Division without an assistant naturalist. For the remainder of the month Clerk Lahey Van Dett and the Park Naturalist carried on with the necessary routine and spent much of the time in working up the photographic file. With ten or twelve employees in the Park taking pictures occasionally and some of them quite frequently the photographic file requires considerable attention and a lot of work to keep it correct. Not having the help for the last year and a half we have had an accumulation of over 1,000 negatives and prints which we have been trying to take care of during the last ten months.

Administration

The administrative work of the Naturalist Division was carried on during the month by Park Naturalist Dewar. After Mr. Condon left on February 5th the only other employee in the Department was Clerk Lahey Van Dett who received his mail to the Military Service on February 18 and presumed to be inducted on the 1st of March.

Special Activities, conferences

A conference was held of Division Heads and other key personnel on February 16 at which the finances of the Park and plans for the next season and for the coming preparations were discussed. Numerous conferences have been held throughout the month with the Superintendent, Assistant Superintendent, Acting Park Engineer Wallbrandt, and various members of the ranger staff.

Personnel, labor

Park Naturalist Dewar was on duty all month except two days of sick leave on February 6th and 7th.

Clerk Lahey Van Dett was on duty all month except one day of annual leave.

Assistant Park Naturalist Condon was on duty from February 1 to the 7 inclusive at which time he was taken over on the payroll of Rocky Mountain National Park.

Statistical Report

The statistical report for the month of February is attached.

Library Activities:

Books in circulation.	3
Books received during February. . .	9
Indefinite loan of books.	0
Pamphlets received in February. . .	5
Magazines received in February. . .	12

In order to take care of the expanding library and provide shelving space we had about 90 feet of additional shelving put in the library on top of the concrete abutments which form a ledge around the inside of the room. This shelving will make it possible to take care of books added to the library for three or four years. It will also be possible to organize the present library much better and keep the books on the shelves in their proper order.

Natural History Association Activities:

Several books and pamphlets were ordered for the library during the month and numerous catalogues on Americana and natural history subjects were checked to find sources of material for the library.

Photographic and other Visual Aids:

During the month 186 kodachrome slides were mounted and filed. The dark room was not used in February as no one was available for this work.

PROPOSED OUTLINE OF WORK FOR MARCH 1943

The Park Naturalist will carry on with the filing of prints and negatives until this work is completed.

The shelving in the library will be painted sometime during the month and the placement of the books will be revised and books changed to their proper places.

It is expected of course that the correspondence of the Division will be carried on and all assistance will be given by the Park Naturalist to the Superintendent in any matters that may require his time.

It is expected that Assistant Park Naturalist Harold J. Brodrick will arrive in the Park by the middle of the month as his transfer papers have been completed. With regard to Assistant Park Naturalist W. B. McDougall we are not informed as to the status of his transfer papers at the present time but we see no reason why he should not be able to reach Yellowstone by the 20th of the month and if the papers are approved.

Respectfully submitted,

C. Max Bauer,
Park Naturalist.

Director (Russell)
Region II
Bumpus
Museum
LVC

Statistical Report

The statistical report for the month of February is attached.

Library Activities:

Books in circulation.	1
Books received during February. . .	0
Indefinite loan of books.	0
Pamphlets received in February. . .	5
Magazines received in February. . .	12

In order to take care of the expanding library and provide shelving space we had about 90 feet of additional shelving put in the library on top of the accurate shutments which form a ledge around the inside of the room. This shelving will make it possible to take care of books added to the library for three or four years. It will also be possible to organize the present library much better and keep the books on the shelves in their proper order.

Natural History Association Activities:

Several books and pamphlets were ordered for the library during the month and numerous catalogues on Americana and natural history subjects were checked to find sources of material for the library.

Photographic and other Visual Aids:

During the month 186 bodacrome slides were counted and filed. The dark room was not used in February as no one was available for this work.

PROPOSED OUTLINE OF WORK FOR MARCH 1949

The Park Naturalist will carry on with the filing of prints and negatives until this work is completed.

The shelving in the library will be painted sometime during the month and the placement of the books will be revised and books changed to their proper places.

It is expected of course that the correspondence of the Madison will be carried on and all assistance will be given by the Park Naturalist to the Superintendent in any matters that may require his time.

It is expected that Assistant Park Naturalist Harold J. Bradley will arrive in the Park by the middle of the month on his transfer papers long been completed. With regard to Assistant Park Naturalist T. E. McDougall we are not informed as to the status of his transfer papers at the present time but we see no reason why he should not be able to reach Yellowstone by the [illegible] of the month and if the papers are approved.

Respectfully submitted,

Director (Dec-ell)
Region II
Dumpee
Duncan
ISC

C. Ben Shaw,
Park Naturalist.

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS

YELLOWSTONE NATIONAL PARK
Name of Area

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	1	1	
Temporary			

February
Month
1943
Year

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
Auto Caravans				
Hiking Trips				
Ruins				
*				
*List other types Total			XXXX	
LECTURES				
Campfire				
Hotel or Lodge				
Museum				
Outside of Park				
Special**				
**Includes all other types Total			XXXX	
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station				
List by name and type			XXXX	
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
List by name and type			XXXX	

BROADCASTS

Station	Subject

Total Contacts None
Total V.P.H. None
Total Visitors 142

Name
Title C. Max Bauer, Park Naturalist

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

* AVERAGE DURATION OF ACTIVITY.

** THIS COLUMN REPRESENTS VISITOR PARTICIPATION HOURS. THE FIGURE IS OBTAINED BY MULTIPLYING THE VISITOR ATTENDANCE BY THE AVERAGE DURATION OF THE CONTACT; I.E., THE AVERAGE TIME DEVOTED TO THE TRIP, LECTURE, MUSEUM VISIT, OR USE OF INTERPRETIVE STATIONS.

128897

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYO.

OFFICE OF THE SUPERINTENDENT

REPORT OF THE NATURALIST DIVISION FOR MARCH 1943

GENERAL:

Since the Assistant Park Naturalists have been transferred to other jobs and the men to take their places had not yet arrived, the Park Naturalist was practically alone during the month of March.

The Park Naturalist served as a member of the local rationing board and met with the board several times during the month besides assisting with the educational program of the C.P.A.

Clerk LeRoy Van Cott left on the first of March to go to the Induction Center at Butte, Montana. He returned to work on the 3rd and left the next day for the Reception Center at Fort Douglas, Salt Lake City, Utah. On April 1st he was back to work again after receiving an Honorable Discharge from the Army.

Administration:

The Park Naturalist was called in on a number of conferences throughout the month. The first one on the elk census was held on March 2nd, another with the Park Engineer and Assistant Superintendent on March 12, and numerous other conferences.

Park Naturalist Bauer was also given the responsibility of quarters assignments on the first of March and supervised the cleanup of certain quarters and the moving of several families from one set of quarters to another. Consultations with the Park Engineer and with the Assistant Superintendent were held a number of times on the repair of quarters.

Special Activities, conferences:

Conferences were held several times each week as indicated above.

Personnel, labor:

Park Naturalist Bauer was on duty all month.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYO.

REPORT OF THE NATURALIST DIVISION FOR
MARCH 1943

GENERAL:

Since the assistant Park Naturalists have been transferred to other jobs and the men to Park their places had not yet arrived, the Park Naturalist was practically alone during the month of March.

The Park Naturalist served as a member of the local rationing board and met with the board several times during the month besides assisting with the educational program of the U.S.A.

Clara Lahey was sent left on the first of March to go to the Evacuation Center at Butte, Montana. He returned to work on the 3rd and left the next day for the Evacuation Center at Fort Douglas, Salt Lake City, Utah. On April 1st he was back to work again after receiving an Honorable Discharge from the Army.

Administration:

The Park Naturalist was called to be a member of Conferences throughout the month. The first one on the air season was held on March 3rd, another with the Park Engineer and Assistant Superintendent on March 12, and numerous other conferences.

Park Naturalist Board was also given the responsibility of quarters assignments on the first of March and appointed the chairman of certain quarters and the moving of several families from one set of quarters to another. Consultations with the Park Engineer and with the Assistant Superintendent were held a number of times on the repair of quarters.

Special activities, conferences:

Conferences were held several times each week as indicated above.

Personnel, Other:

Park Naturalist Board was on duty all month.

Clerk LeRoy Van Cott was on duty to 4:30 p.m. March 3 at which time he was placed on Military Furlough until the end of the month.

Statistical Report:

The statistical report for the month of March is attached.

Library Activities:

Books in circulation.	7
Books received during March . . .	3
Indefinite loan of books.	0
Pamphlets received in March . . .	8
Magazines received in March . . .	16

The new library shelving in the library room was completed and painted and during the last two weeks of the month of the Park Naturalist rearranged the books on the shelves and in the stacks.

The library now contains in excess of 4,300 bound volumes and something over 4,700 pamphlets. In addition there are bound series of magazines and magazines which are unbound which have been saved for library use or exchange.

Photographic and other visual aids:

The cabinets and shelving used for filing photographs and photographic equipment were painted and the material placed back on the shelves including the albums containing the photographic prints. This file is now in good condition and nearly current.

PROPOSED OUTLINE OF WORK FOR APRIL 1943

Assistant Park Naturalist Harold J. Brodrick reported for duty on April 1 and it is planned for him to become familiar with the darkroom operations and the care of the photographic file. Also he will assist on library work, museum cataloguing, care of materials, and also will be assigned to the care of property and inventories. In order for him to become familiar with the extensive files of the museum and library and the large number of items listed under the property inventories, the Park Naturalist will spend considerable time with him during the month explaining the methods by which these are taken care of and also darkroom procedure and methods.

Clerk LeRoy Van Cott returned to duty on April 1 from Military Furlough. Beginning with the 8th of April he will work half days for the Naturalist Division and the other half day of each day for the Clerical Division. It

Elert Lamy Van Dott was on duty to 4,30 p.m. March 3 to which time he was placed on Military Furlough until the end of the month.

Statistical Report.

The statistical report for the month of March is attached.

Library Activities:

Books in circulation. . . . . .
Books received during March . . .
Indefinite loan of books. . . . .
Pamphlets received in March . . .
Magazines received in March . . .

The new library shelving in the library room was completed and painted and during the last two weeks of the month of the Fort Naturalist rearranged the books on the shelves and in the stacks.

The library now contains in excess of 1,200 bound volumes and something over 1,700 pamphlets. In addition there are bound series of magazines and magazines which are unbound which have been saved for library use in exchange.

Photographic and other visual aids.

The cabinets and shelving used for filing photographs and photographic equipment were painted and the material placed back on the shelves including the albums containing the photographic prints. This file is now in good condition and nearly current.

PROPOSED OUTLINE OF WORK FOR APRIL 1943

Assistant Fort Naturalist Harold J. Brownlee reported for duty on April 1 and it is planned for him to become familiar with the Northern operations and the care of the photographic file. Also he will assist on library work, museum cataloging, care of materials, and also will be designed to the care of property and inventories. In order for him to become familiar with the extensive files of the museum and library and the large number of items listed under the property inventories, the Fort Naturalist will spend considerable time with him during the month explaining the methods by which these are taken care of and also Northern procedure and methods.

Elert Lamy Van Dott returned to duty on April 1 from Military Furlough. Beginning with the 8th of April he will work half days for the Naturalist Division and the other half day of each day for the Chemical Division. It

is believed that by carefully organizing the work here that the routine matters can be handled and probably also all of the special requests that come in.

It is expected that Assistant Park Naturalist W. B. McDougall will arrive in the Park before April 10 although we have had no definite word as to the time he expects to arrive. Dr. McDougall will be assigned to a revision of the book "Plants of Yellowstone Park," to the care of the herbarium and biological records, skins, skeletons, etc. He will also be assigned the bookkeeping in connection with the Yellowstone Library and Museum Association book sales and accounts. It will also be essential that he become familiar with the different systems of filing and cataloguing used in the library and museums.

The Park Naturalist will prepare plans for the coming summer season and each one of the naturalists will be assigned to a definite part of the protective program in addition to the other duties of caring for property, exhibits, museums, buildings, quarters, etc. which have already been assigned to them.

Respectfully submitted,

C. Max Bauer,
Park Naturalist.

Director (Russell)
Region II
Bumpus
Museum
LVC

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS
YELLOWSTONE NATIONAL PARK
Name of Area

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	0	1	
Temporary			

March
Month
1943
Year

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
Auto Caravans				
Hiking Trips				
Ruins				
*				
*List other types Total			XXXX	
LECTURES				
Campfire				
Hotel or Lodge				
Museum				
Outside of Park				
Special**				
**Includes all other types Total			XXXX	
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station				
List by name and type			XXXX	
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
List by name and type			XXXX	

BROADCASTS

Station	Subject

Total Contacts None
Total V.P.H. None
Total Visitors 185

Name
Title C. Max Bauer, Park Naturalist.

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

* AVERAGE DURATION OF ACTIVITY.

* THIS COLUMN REPRESENTS VISITOR PARTICIPATION HOURS. THE FIGURE IS OBTAINED BY MULTIPLYING THE VISITOR ATTENDANCE BY THE AVERAGE DURATION OF THE CONTACT; I.E., THE AVERAGE TIME DEVOTED TO THE TRIP, LECTURE, MUSEUM VISIT, OR USE OF INTERPRETIVE STATIONS.

128897

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYO.

OFFICE OF THE SUPERINTENDENT

REPORT OF THE NATURALIST DIVISION FOR APRIL 1943

GENERAL:

The month of April began return to the normal strength of the Naturalist Division necessary to carry on the work during this period of emergency. Harold J. Brodrick, Assistant Park Naturalist, was on duty throughout the month. Mr. LeRoy Van Cott, clerk for the Division, who had been inducted into the United States Army received an Honorable Discharge and returned to the Park. Beginning on April 1st Mr. Van Cott took up his work for the Naturalist Division and on April 8 began giving one-half day out of each day to the Fiscal Division. Mr. Brodrick began the work of handling photographs, negatives, and darkroom jobs that are required.

Special Activities, conferences:

The Park Naturalist has been given charge of quarters operations in the Park and also as chairman of the Board of Survey took part in a number of conferences on the survey of property and also one conference of the staff on summer plans. The Park Naturalist also planned the work of taking care of the lawns and yards during the present season by the residents of Mammoth.

Personnel, labor:

Park Naturalist Bauer was on duty all month.

Clerk LeRoy Van Cott went on duty on April 1st and was on duty until April 7th and then went on half time for the remainder of the month for the Naturalist Division and half time for the Fiscal Division.

Assistant Park Naturalist Harold J. Brodrick arrived in the Park on March 29 and went on duty April 1st. He was off all day April 10th on annual leave.

Dr. Walter B. McDougall arrived in the Park on April 30 from Grand Canyon National Park and went on duty on May 1st as Assistant Park Naturalist.

Statistical Report:

The statistical report for the month of April is attached.

Library Activities:

The Park Naturalist and Clerk Van Cott spent considerable time on checking the pamphlet file against the shelf list and putting the pamphlet file in order. The work is about three-fourths completed at the present time.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYO.

[illegible]

REPORT OF THE NATURALIST DIVISION FOR
APRIL 1941

GENERAL:

The month of April began return to the normal strength of the Naturalist Division necessary to carry on the work during this period of emergency. Harold J. Bredrich, Assistant Park Naturalist, was on duty throughout the month. Mr. Lacey Van Dutt, Clerk for the Division, who had been indicated that the United States Army Detailed as Enterprise Standards and returned to the Park. Beginning of April 1st Mr. Van Dutt took up his work for the Naturalist Division and on April 6 began giving one-half day out of each day to the Fiscal Division. Mr. Bredrich began the work of handling photographs, negatives, and darkroom jobs that are required.

Special Activities, Conferences:

The Park Naturalist has been given charge of quarters operations in the Park and also as chairman of the Board of Survey book part in a number of conferences on the survey of property and also was conference of the staff on summer plans. The Park Naturalist also planned the work of having work of the lamps and yards during the present season by the residents of Mammoth.

Personnel, Labor:

Park Naturalist honor was on duty all month.

Clerk Lacey Van Dutt went on duty on April 1st and was on duty until April 7th and then went on half time for the remainder of the month for the Naturalist Division and half time for the Fiscal Division.

Assistant Park Naturalist Harold J. Bredrich arrived in the Park on March 27 and went on duty April 1st. He was off all day April 10th on annual leave.

Dr. Walter R. Dobrogall arrived in the Park on April 30 from Great Smoke National Park and went on duty on day 1st as Assistant Park Naturalist.

Statistical Report:

The statistical report for the month of April is attached.

Library Activities:

The Park Naturalist and Clerk Van Dutt spent considerable time on checking the pamphlet file against the shelf list and putting the pamphlet file in order. The work is about three-fourths completed at the present time.

Books in circulation.	4
Books received during April	2
Indefinite loan of books.	0
Pamphlets received in April	7
Magazines received in April	14

Photographic and other visual aids:

Assistant Park Naturalist Brodrick spent about four days in the darkroom and has also printed up a series of pictures, the negatives of which were received from Acting Superintendent Jesse Nusbaum taken in Yellowstone about 1895 by Emory V. Steadman who was a very good photographer and obtained some fine pictures of that period of Yellowstone. Also some negatives of the Army have been printed and further work along this line will be carried on from time to time as opportunity presents.

PROPOSED OUTLINE OF WORK FOR MAY 1943

A Red Cross Standard First Aid Course will be given at Mammoth for all those whose certificates have lapsed and many others who have not had the course who desire to take it. It will begin on Monday, May 10.

Plans will also be made for training for all employees including per diems on Building Fire Suppression and Forest Fire Suppression during June. It is not planned to give any courses this month on incendiary bombs or other Civilian Defense courses but exploration will be made to find out if there are those who wish to take special courses and if there are plans will be made for same.

There will be plans by the Naturalist Staff to take care of such museums and other facilities as it may be possible to offer for this coming season. Up to the present time we are hopeful that we can keep the Mammoth Museum open at least part of each day and the Old Faithful Museum open part of each day. Details of the program will be worked out during May after we have been advised concerning the facilities made available by the Operators.

Respectfully submitted,

C. Max Bauer,
Park Naturalist.

CC: Director (Russell)
Region II
Bumpus

Museum
LVC

Books in circulation. 4
Books received during April 5
Indefinite loan of books. 6
Pamphlets received in April 7
Magazines received in April 14

Photographic and other visual aids:

Assistant Park Naturalist Brodrick spent about four days in the district and has also printed up a series of pictures, the negatives of which were received from acting Superintendent Chase Kuskum below in Yellowstone about 1905 by Henry V. Clendenen who was a very good photographer and obtained some fine pictures of that period of Yellowstone. Also some negatives of the line have been printed and further work along this line will be carried on from time to time as opportunity presents.

PROPOSED OUTLINE OF WORK FOR MAY 1940

A Red Cross Standard First Aid Course will be given at Mammoth for all those whose certificates have lapsed and many others who have not had the course who desire to take it. It will begin on Monday, May 13.

Plans will also be made for training for all employees including per diem on Building Fire Suppression and Forest Fire Suppression during June. It is not planned to give any courses this month on incendiary bombs or other divilian defense courses but exploration will be made to find out if there are those who wish to take special courses and if there are plans will be made for same.

There will be plans by the Naturalist Staff to take care of such museums and other facilities as it may be possible to offer for this coming season. Up to the present time we are hopeful that we can keep the Mammoth Museum open at least part of each day and the Old Faithful Museum open part of each day. Details of this program will be worked out during May after we have been advised concerning the facilities made available by the Operators.

Respectfully submitted,

E. Ben Hamer,
Park Naturalist.

CC: Director (Russell)
Region II
Bunyan

Dupont
LVD

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS

~~YELLOWSTONE NATIONAL PARK~~
Name of Area

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	2	1	
Temporary			

April
Month
1943
Year

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
Auto Caravans				
Hiking Trips				
Ruins				
*				
*List other types Total			XXXX	
LECTURES				
Campfire				
Hotel or Lodge				
Museum				
Outside of Park				
Special**				
**Includes all other types Total			XXXX	
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station				
List by name and type			XXXX	
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
List by name and type			XXXX	

BROADCASTS

Station	Subject

Total Contacts None
Total V.P.H. None
Total Visitors 171

Name
Title Max Bauer, Park Naturalist.

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

* AVERAGE DURATION OF ACTIVITY.

** THIS COLUMN REPRESENTS VISITOR PARTICIPATION HOURS. THE FIGURE IS OBTAINED BY MULTIPLYING THE VISITOR ATTENDANCE BY THE AVERAGE DURATION OF THE CONTACT; I.E., THE AVERAGE TIME DEVOTED TO THE TRIP, LECTURE, MUSEUM VISIT, OR USE OF INTERPRETIVE STATIONS.

128897

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYO.

OFFICE OF THE SUPERINTENDENT

REPORT OF THE NATURALIST DIVISION FOR
MAY 1943

GENERAL:

For the first time in several months the permanent staff of the Naturalist Division is now up to its normal number and much time during the month has been devoted to acquainting the new assistant park naturalists with the routine duties of the Division and in making preparations for the summer's activities. It is expected that throughout the summer approximately half of Assistant Park Naturalist McDougall's time will be given to studies of the winter range of the northern elk herd and that, aside from this, the entire time of the staff will be taken up with routine custodial and protective activities and in keeping the museums at Mammoth and Old Faithful open during stated hours each day for the benefit of such visitors as may come to the Park.

Special activities, conferences:

The Park Naturalist devoted a considerable amount of time to assigning suitable quarters to park personnel, many moves being necessitated by new assignments of duties, arrivals of new employees, and some departures from the Park. He also participated in a number of conferences on property survey, on the bear problem, on the elk problems, on geyser protection, and on training courses for new rangers and other employees. Some of these meetings were also attended by one or both of the assistant park naturalists.

A first aid course, arranged by the Park Naturalist, was carried to completion at Mammoth during the month.

Personnel, labor:

Park Naturalist Bauer was on duty throughout the month except 5-1/2 days of annual leave from noon of May 17 to May 22 and two half days sick leave on May 13 and May 24.

Assistant Park Naturalist McDougall entered on duty on May 1st and was on duty throughout the month except one day of annual leave on May 14.

Assistant Park Naturalist Harold Brodrick was on duty throughout the month except two days of annual leave on May 3 and May 25.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYO.

REPORT OF THE NATURALIST DIVISION FOR
[illegible]

[illegible]:

For the first time in several months the permanent staff of the Naturalist Division is now up to the normal number and most time during the month has been devoted to supplying the new assistant park naturalists with the routine duties of the Division and in making preparations for the summer's activities. It is expected that throughout the summer approximately half of Assistant Park Naturalist Nathangali's time will be given to studies of the sister ridge of the northern ski bord and that, aside from this, the entire time of the staff will be taken up with routine nominal and preventive activities and in leading the sponsors of Summit and the Fairfield open during shaded hours each day for the benefit of such visitors as may come to the Park.

Nominal activities, conferences:

The Park Naturalist devoted a considerable amount of time to assigning guiding quarters to park personnel, many parts being distributed by non assignments of duties, arrivals of new assignees, and some departures from the Park. He also participated in a number of conferences on property survey, on the bear problem, on the ski problem, on paper protection, and on building sources for new rangers and other employees. Some of these meetings were also attended by one or both of the assistant park naturalists.

A first aid course, arranged by the Park Naturalist, was carried to completion of thought during the month.

Personnel, labor:

Park Naturalist Nelson was on duty throughout the month season 5-1/2 days of annual leave from noon of Day 17 to Day 22 and two half days plus leave on Day 13 and Day 25.

Assistant Park Naturalist Nathangali entered on duty on Day 1st and was on duty throughout the month except one day of annual leave on Day 14.

Assistant Park Naturalist Harold Bradrick was on duty throughout the month except two days of annual leave on Day 3 and Day 25.

Clerk LeRoy Van Cott was on duty throughout the month, half time for the Naturalist Division and half time for the Fiscal Division, except one day of annual leave taken on May 5.

Statistical Report:

The statistical report for the month of May is attached hereto.

Museum Activities and Exhibits:

The Mammoth Museum was thoroughly cleaned, the glass of the exhibit cases polished, and the floor waxed.

The winter covers were removed from the trailside exhibits between Mammoth and Old Faithful.

110 specimens of plants were labeled, catalogued and placed in the herbarium.

Research and Observation:

A preliminary survey was made of the work that will be necessary for a thorough revision of Plants of Yellowstone National Park.

The first Canada Goose goslings were observed on May 27.

Library Activities:

The checking of the pamphlet file against the shelf list was finished during the month.

Books in circulation.	2
Books received during May	2
Indefinite loan of books.	0
Pamphlets received during May	8
Magazines received during May	15

Photographic and Other Visual Aids:

Nine films were developed and 118 prints and enlargements were made during the month.

The Park collection of movie reels was timed and indexed.

A considerable amount of time was spent by Assistant Park Naturalist Brodrick in indexing and titling negatives and prints and in checking the 1941, 1942, and 1943 collections of negatives and prints to see that all were properly numbered.

Ten kodaslides were rebound.

Eight Lotus Van Cott was on duty throughout the month, half time for the Naturalist Division and half time for the Fiscal Division, except one day of annual leave taken on May 3.

Statistical Report:

The statistical report for the month of May is enclosed herewith.

Museum Activities and Exhibits:

The Mammoth Museum was thoroughly cleaned, the glass of the exhibit cases polished, and the floor waxed.

The winter covers were removed from the available exhibits between Mammoth and the Cultural.

[illegible] specimens of plants were labeled, catalogued and placed in the herbarium.

Research and Conservation:

A preliminary survey was made of the work that will be necessary for a thorough revision of Plants of Yellowstone National Park.

The First Canada Goose gullings were observed on May 27.

Library Activities:

The shelving of the pamphlet file against the shelf lists was furthered during the month.

Books in circulation	2
Books received during May	2
Indefinite loan of books	8
Pamphlets received during May	3
Magazines received during May	15

Photographic and Other Visual Aids:

Nine films were developed and 100 prints and enlargements were made during the month.

The back collection of movie reels was listed and indexed.

A considerable amount of time was spent by Assistant Park Naturalist Brodrick in indexing and titling negatives and prints and in checking the 1941, 1942, and 1943 collections of negatives and prints to see that all were promptly numbered.

Two [illegible] were returned.

PROPOSED OUTLINE OF WORK FOR JUNE 1943

The property in the various museums will be inventoried.

The museums at Mammoth and Old Faithful will be opened to the public not later than June 20 and sooner if travel warrants.

It is expected that field studies of the elk winter range will start about the middle of June.

Respectfully submitted,

N. B. McDougall

N. B. McDougall,
Acting Park Naturalist.

CC: Director (Russell)
Region II
Bumpus
LVC
MUSEUM

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS

Yellowstone National Park
Name of Area

Number of Persons Engaged in Interpretive Activities — May, Month

	Technical	Administrative	Other
Permanent	2	1	
Temporary			

1943, Year

CONDUCTED TRIPS	No.	Attend.	Duration*	V.P.H.**
Auto Caravans				
Hiking Trips				
Ruins				
*				
*List other types Total			XXXX	
TALKS ~~LECTURES~~				
Campfire				
Hotel or Lodge				
Museum				
Outside of Park				
Special**				
**Includes all other types Total			XXXX	
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station				
List by name and type			XXXX	
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
List by name and type			XXXX	

BROADCASTS

Station	Subject

Total Contacts None
Total V.P.H. None
Total Visitors 1516

Name N. B. McDougall
Title W. B. McDougall, Acting Park Naturalist

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

* AVERAGE DURATION OF ACTIVITY.

* THIS COLUMN REPRESENTS VISITOR PARTICIPATION HOURS. THE FIGURE IS OBTAINED BY MULTIPLYING THE VISITOR ATTENDANCE BY THE AVERAGE DURATION OF THE CONTACT; I.E., THE AVERAGE TIME DEVOTED TO THE TRIP, ~~LECTURE~~, talk MUSEUM VISIT, OR USE OF INTERPRETIVE STATIONS.

128897

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYO.

OFFICE OF THE SUPERINTENDENT

REPORT OF THE NATURALIST DIVISION FOR
JUNE 1943

GENERAL:

During June the work of the naturalists was marked by the wide variety of tasks performed and the divergence of interests which covered many phases of custodial and protection work, some research, some engineering, invoicing property, opening two museums, and preparing field exhibits for the summer season.

The Park Naturalist also spent several periods with the Board of Survey, about one night each week on the ration board, and several local conferences as well as a three-day conference at Rocky Mountain National Park from June 11 to the 13th inclusive attending the plans for Dinosaur National Monument.

Administration:

Special Activities, conferences:

On June 21st a conference was held in the Superintendent's Office with Messrs. Rogers, Johnston, Bauer, Barrows, McDougall, and Evans in attendance on Range Studies.

McDougall and Bauer also assisted on problems connected with the program set up for bear management.

Personnel, labor:

Park Naturalist Bauer was on duty throughout the month except for 3-1/2 days of sick leave.

Assistant Park Naturalist McDougall was on duty all month.

Assistant Park Naturalist Brodrick was on duty all month.

Clerk LeRoy Van Cott was on duty throughout the month, half time for the Naturalist Division, except 1 and 13/32 days of annual leave. Up to June 14 Mr. Van Cott was assigned half time to the Purchasing Section in the Chief Clerk's Office, at which time he was transferred to the Personnel Section where he now works each half day every afternoon.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYO.

REPORT OF THE NATURALIST DIVISION FOR
JUNE 1963

GENERAL:

During June the work of the naturalists was marked by the wide variety of tasks performed and the divergence of interests which covered many phases of naturalist and protection work, some seasonal, some engineering, involving property, spending two months, and preparing field exhibits for the summer season.

The Park Naturalist that spent several periods with the Board of Survey, about one night each week on the ration board, and several local conferences as well as a three-day conference at Rocky Mountain National Park from June 11 to the 13th inclusive attending the plans for Chesapeake National Monument.

Administration:

Special Activities, conferences:

On June 21st a conference was held in the Superintendent's Office with Messrs. Rogers, Johnston, Baker, Barrows, McDougall, and Young in attendance on Bunge studies.

McDougall and Baker also assisted on problems connected with the program set up for bear management.

Personnel, labor:

Park Naturalist Baker was on duty throughout the month except for 3-1/2 days of sick leave.

Assistant Park Naturalist McDougall was on duty all month.

Assistant Park Naturalist Brodrick was on duty all month.

Clerk Lahey Van Cott was on duty throughout the month, half time for the Naturalist Division, except 1 and 1 1/2 days of annual leave. On to June 24 Mr. Van Cott was assigned half time to the Purchasing Section in the Chief Clerk's Office, at which time he was transferred to the Personnel Section where he has works more half day every afternoon.

Janitor work is being done by the Division of Plumbing and Sanitation plus the work of the naturalist on museum duty. No temporary labor has been hired for this purpose this year.

Ranger Naturalists' positions have been abolished for the duration and hence no assistance is available from this source.

Interpretation:

Interpretive Contacts:

Due to the fact that we have no ranger naturalists and that much time will be spent by the permanent naturalists in custodial and protective activities it is not planned to give any lectures, hold campfire meetings, conduct nature parties on trails, and other similar activities. The principle public contact will be through the Mammoth Museum and information desk and the Old Faithful Museum and information desk. Contacts will also be made in the Upper Geyser Basin by Assistant Park Naturalist Harold Brodrick who will patrol the basin twice a day and attempt to meet people and talk to them about the thermal features of the Park and answer their questions.

Statistical Report:

The statistical report for the month of June is attached hereto.

Museum Activities and Exhibits:

Progress of exhibit plans and projects:

One day was spent by Assistant Park Naturalist Brodrick and the Park Naturalist in obtaining correct measurements in the field for the distance between Artist Point and Inspiration Point and other lookouts along the Canyon rim. This was for the purpose of making a map for the Artist Point Exhibit. Samples of rock were also collected and have been prepared in powder form to place in glass bottles to give Canyon colors. These glass bottles will be placed in the exhibit case and the case will then be ready for installation in the structure at Artist Point.

All of the Trailside Exhibits which include at the present time the Beaver Exhibit on Willow Park, the Obsidian Cliff Exhibit near Obsidian Cliff, and the Firehole Canyon Exhibit in the Firehole Canyon have been opened for viewing by the public. The exhibits in the foyer of Norris Museum have been uncovered and cleaned so that they can be used by the public this summer.

Janitor work is being done by the Division of Cleaning and Sanitation plus the work of the naturalist on maximum duty. No temporary labor has been hired for this purpose this year.

Ranger Naturalists' positions have been abolished for the duration and hence no assistance is available from this source.

Interpretation:

Interpretive Contacts:

Due to the fact that we have no ranger naturalists and that most time will be spent by the permanent naturalists in mandatory and protective activities it is not planned to give any lectures, hold campfire meetings, conduct nature parties on trails, and other similar activities. The principle public contact will be through the Museum and information desk and the Old Faithful museum and information desk. Contacts will also be made in the Upper Geyser Basin by Assistant Park Naturalist Harold Bradrick who will patrol the basin twice a day and attempt to meet people and talk to them about the thermal features of the Park and answer their questions.

Statistical Report:

The statistical report for the month of June is attached hereto.

Museum Activities and Exhibits:

Progress of exhibit plans and projects:

One day was spent by Assistant Park Naturalist Bradrick and the Park Naturalist in obtaining correct measurements in the field for the distance between Artist Point and Inspiration Point and other trails along the Canyon rim. This was for the purpose of making a map for the Artist Point Exhibit. Samples of work were also collected and have been prepared in powder form to place in glass bottles to give Canyon colors. These glass bottles will be placed in the exhibit case and the case will then be ready for installation in the structure at Artist Point.

All of the Prairie Exhibits which consists of the present size the Beaver Exhibit on Willow Park, the Chaldean Cliff Exhibit near Chaldean Cliff, and the Firehole Canyon Exhibit in the Firehole Canyon have been opened for viewing by the public. The exhibits in the Front of Norris Museum have been uncovered and cleaned if that they can be used by the public this summer.

Experience with several of the roadside exhibits has shown that they are either not suitably located or do not contain sufficient interest to attract visitors in any large number; hence with the Superintendent's permission we have taken two of these down. One, the Nymph Lake trailside exhibit which was very badly located on the brow of the hill which was dangerous from the standpoint of traffic. Another at Tuff Cliff which did not appear to be sufficiently attractive to allow to remain. Visitor attendance was checked on a number of occasions of all of the field exhibits and statistics obtained which substantiates the above remarks.

The museum at Mammoth was opened on June 13 and has been opened from 8 to 5 each day since then. The Old Faithful Museum has been opened during the entire month but statistics of attendance and information service have been supplied only since June 19 when Harold Brodrick, Assistant Park Naturalist, moved to Old Faithful to take over these duties and patrol the basin twice each day.

Research and Observation:

Assistant Park Naturalist McDougall carried on a considerable amount of work preliminary to the revision of "Plants of Yellowstone National Park." A rough draft of a manuscript on eleven of the smaller families of plants was prepared and a key to the genera of grasses found in the park, which was prepared several years ago, was revised and made to conform to present knowledge of these grasses.

Mr. McDougall also spent one-half day in studying the range north of Mammoth and found that the dominant species in the area were found to be those of Palouse Prairie.

Library Activities:

A librarian, Miss Priscilla Foster, was employed by the Yellowstone Library and Museum Association and she began work on June 21st. Miss Foster has been attending the Flora Stone Mather College of Western Reserve University at Cleveland, Ohio.

Books and pamphlets received during the last few months are being accessioned and checking of the various files will be carried on including an inventory of the books on the shelves. The pamphlet inventory was completed before she arrived by LeRoy Van Cott and the Park Naturalist.

The library statistics are as follows:

Experience with several of the roadside exhibits has shown that they are either not suitably located or do not contain sufficient interest to attract visitors in our large numbers. Hence with the Superintendent's permission we have taken two of these down. The, the Tymph Lake trailside exhibit which was very badly located on the brow of the hill which was dangerous from the standpoint of traffic. Another at Tuff Cliff which did not appear to be sufficiently attractive to allow to remain. Visitor attendance was checked as a number of occasions of all of the field exhibits and statistics obtained which substantiates the above remarks.

The museum at Dunmyth was opened on June 11 and has been opened from 8 to 9 each day since then. The Old Faithful Museum has been opened during the entire month but visitation of attendance and information service have been supplied only since July 13 when Harold Brodrick, Assistant Park Naturalist, moved to Old Faithful to take over these duties and patrol the basin twice each day.

Research and Observation:

Assistant Park Naturalist Schmugall carried on a considerable amount of work preliminary to the revision of "Plants of Yellowstone National Park." A rough draft of a manuscript on shown of the smaller families of plants was prepared and a log in the genera of grasses found in the park, which was prepared several years ago, was revised and made to conform to present knowledge of these grasses.

Mr. Schmugall also spent one-half day in studying the range ends of Dunmyth and found that the dominant species in the area were found to be those of Balsam Fraiche.

Library Activities:

A Librarian, Miss Priscilla Foster, was employed by the Yellowstone Library and Museum Association and she began work on June 21st. Miss Foster has been attending the Flint Hyde Mutual College of Western Reserve University at Cleveland, Ohio.

Books and pamphlets received during the last few months are being accessioned and checking of the various files will be carried by concluding an inventory of the books on the shelves. The pamphlet inventory was completed before she arrived by Jeffry Van Hoek and the Park Naturalist.

The library statistics are as follows:

Books in circulation.	9
Books received during June.	13
Indefinite loan of books.	3
Pamphlets received during June.	7
Magazines received during June.	14

Natural History Association Activities:

The Yellowstone Library and Museum Association placed books on sale at the Mammoth Museum on the 13th of June and also at the Old Faithful Museum on the 20th of June.

Assistant Park Naturalist McDougall has charge of the sales publications and accounts.

Photographic and Other Visual Aids:

The darkroom was not used during the month because other work took up the time of the naturalists.

All of the exposed National Park Service film is being sent to the Photo Nook at Billings, Montana for developing and printing.

PROPOSED OUTLINE OF WORK FOR JULY

Plans have been completed for making the range studies necessary for this season. Dr. McDougall will work with District Ranger Grimm in making several new transects and reading a number of others that have been established. This work will occupy about one-half of his time during the month of July. The other half will be used in museum duty and taking care of the sales publications accounts and other routine work.

Assistant Park Naturalist Brodrick has been assigned to Old Faithful where he will take care of the sales publications, information desk duty for part of the day, and at least two patrols through the Upper Geyser Basin each day for the purpose of gathering information on the geysers and protecting the thermal features and formations. He has also been assigned for a couple of hours each day in the office by District Ranger Bauman when the other men are off to meals.

The Park Naturalist will be on museum duty at Mammoth about one-half of his time during the month of July. During this time a great deal of the routine office matters will be taken care of as the attendance at the Mammoth Museum is very small. However, with 30 or 40 people coming in each day some one will have to be in attendance to answer questions and to look after the care of the museum.

Books in circulation. . . . . [illegible]
Books received during June. . . . . [illegible]
Indefinite loan of books. . . . . [illegible]
Pamphlets received during June. . . . . [illegible]
Magazines received during June. . . . . [illegible]

Natural History Association Activities:

The Tallmadge Library and Nature Association placed books on sale at the Summit Museum on the 15th of June and also at the 12th Festival Museum on the 20th of June.

Assistant Park Naturalist Bringwall has charge of the sales publications and accounts.

Photographs and Other Visual Aids:

The Chairman was not used during the second Seminar other work took up the time of the naturalists.

All of the exposed National Park Service film is being sent to the Parks Book at Billings, Montana for developing and printing.

[illegible]

Times have been completed for making the large studies necessary for this season. Dr. Bringwall will work with District Ranger Dolan in making several new transects and reading a number of others that have been established. This work will occupy about one-half of the time during the month of July. The other half will be used in [illegible] duty and taking care of the sales publications accounts and other routine work.

Assistant Park Naturalist Bringwall has been designed in his Federal Museum as will take care of the sales publications, information desk duty for part of the day, and at least two nature through the Ranger Dolan Main Week Day for the purpose of gathering information on the property and protecting the thermal features and formations. He has also been assigned for a couple of hours each day in the office to District Ranger Museum when the other man was out of [illegible].

The Park Naturalist will be on [illegible] duty at Summit about one-half of the time during the month of July. During this time a great deal of the routine office matters will be taken care of at the attendance at the Summit Museum is very small. However, with 30 or 40 people coming in each day some are will have to be in attendance to answer questions and to look after the care of the museum.

During the remainder of the time supervision and inspection of quarters will have to be made, some conferences will be attended, together with other duties connected with the Board of Survey, and quarters operation at Mammoth.

The Park Naturalist also plans to supervise the installation of the Artist Point Exhibit and assist in such protection duties as he can while going around the Park, and in conferences with the Chief Ranger's Office.

As Acting Regional Naturalist, Dr. Bauer has two reports on Interpretive Statements of Badlands National Monument and the Grand Teton National Park. It is his intention to read and report his findings and comments on these statements during July.

Respectfully submitted,

C. Max Bauer

C. Max Bauer,
Park Naturalist.

Director (Rusell)
Region Two
Museum ✓
LVC

During the remainder of the time supervision and inspection of quarters will have to be made, some conferences will be attended, together with other duties connected with the Board of Survey, the quarters operation at Denver.

The Park Naturalist also plans to supervise the installation of the Artist Point Exhibit and assist in such protection duties as he can while going around the Park, and to conferences with the Chief Ranger's Office.

As Acting Regional Naturalist, Dr. Bauer has two reports on Interpretive Statements of Regional Regional Research and the Grand Teton National Park. It is his intention to read and report his findings and comments on these statements during July.

Respectfully submitted,

[illegible]
Dr. Max Bauer,
Park Naturalist.

Director (Assault)
Region Two
Lincoln
IVC

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS

Yellowstone National Park
Name of Area

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	2	1	
Temporary			

June
Month
1943
Year

CONDUCTED TRIPS	No.	Attend.	Duration*	V.P.H.**
Auto Caravans				
Hiking Trips				
Ruins				
*				
*List other types Total			XXXX	
TALKS ~~LECTURES~~				
Campfire				
Hotel or Lodge				
Museum				
Outside of Park				
Special**				
**Includes all other types Total			XXXX	
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station				
Mammoth Museum (June 13 - June 30)		328	10 min.	54
Old Faithful Museum (June 20 - June 30)		482	5 min.	40
Old Faithful Geyser Basin		37	5 min.	3
Old Faithful Cone Talks	17	250	10 min.	41
List by name and type	17	1,097	XXXX	138
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
List by name and type			XXXX	

BROADCASTS

Station	Subject

Total Contacts 1,097
Total V.P.H. 138
Total Visitors 8,337

Name C. Max Bauer
Title C. Max Bauer, Park Naturalist

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

* AVERAGE DURATION OF ACTIVITY.

** THIS COLUMN REPRESENTS VISITOR PARTICIPATION HOURS. THE FIGURE IS OBTAINED BY MULTIPLYING THE VISITOR ATTENDANCE BY THE AVERAGE DURATION OF THE CONTACT; I.E., THE AVERAGE TIME DEVOTED TO THE TRIP, ~~XXXXXX~~ talk MUSEUM VISIT, OR USE OF INTERPRETIVE STATIONS.

128897

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

September 1, 1943

JOFFE SAYS THIS REPORT NOT REQUIRED ANY MORE. THIS COPY FILED, ALL OTHERS TO BE DESTROYED.

ANNUAL REPORT FOR THE NATURALIST DIVISION
FOR THE FISCAL YEAR
July 1, 1942 to June 30, 1943

At the close of the fiscal year the staff consisted of:

C. Max Bauer	Park Naturalist
Walter B. McDougall	Assistant Park Naturalist
Harold J. Brodrick	Assistant Park Naturalist
LeRoy Van Cott	Clerk

During the summer of 1942 sixteen ranger naturalists were employed as of July 1. By the fifth of August two of these had entered the Army Air Corps as second lieutenants assigned to limited duty as instructors. Several others left before the close of the season for military or other duties.

One roustabout or museum caretaker was employed during the season of 1942 and none during the season of 1943.

No ranger naturalists were employed during the season of 1943.

Assistant Park Naturalist Harold J. Brodrick was assigned to the Old Faithful area to assist the district ranger in any way possible on protection matters and to take care of the museum and handle such sales publications as the public required.

Assistant Park Naturalist McDougall was also assigned to the ranger division to work with District Ranger Rudolf Grimm on a study of the northern elk herd winter range. Dr. McDougall gave three days of each week to this work throughout the summer. This year, therefore, the work of the Naturalist Division has been divided between protection, research, and custodial duties.

The Park Naturalist has given some of his time to community activities such as the victory garden, the mowing and care of the lawns in the Mammoth area, and the handling of quarters for employees. He has assisted also in a number of administrative problems besides carrying on the correspondence which is referred to the Naturalist Division for attention.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

September 1, 1945

JUDGE SAYS THIS MEMORY NOT REQUIRED ANY WORK. THIS COPY FILED, AS OTHER DUPLICATE.

ANNUAL REPORT FOR THE NATURALIST DIVISION
FOR THE FISCAL YEAR
July 1, 1942 to June 30, 1943

At the close of the fiscal year the staff consisted of:

J. Ben Moser	Park Naturalist
Walter R. Dalmagall	Assistant Park Naturalist
Harold J. Bradrick	Assistant Park Naturalist
Lindsay Van Cott	Clerk

During the summer of 1942 sixteen ranger naturalists were employed as of July 1. By the fifth of August two of these had entered the Army Air Corps as second lieutenants assigned to limited duty as instructors. Several others left before the close of the season for military or other duties.

One roadshout or museum caretaker was employed during the season of 1942 and none during the season of 1943.

No ranger naturalists were employed during the season of 1943.

Assistant Park Naturalist Harold J. Bradrick was assigned to the Old Faithful area to assist the District ranger in any way possible on protection matters and to take care of the museum and handle such sales publications as the public required.

Assistant Park Naturalist Dalmagall was also assigned to the ranger division to work with District Ranger Rolnik Orton on a study of the northern air hard winter range. Dr. Dalmagall gave three days of each week to this work throughout the summer. This year, therefore, the work of the Naturalist Division has been divided between protection, research, and custodial duties.

The Park Naturalist has given some of his time to accounting activities such as the victory garden, the mowing and care of the lawn in the Bannock area, and the handling of quarters for employees. He has assisted also in a number of administrative problems besides carrying on the nurses' pendence which is referred to the Naturalist Division for attention.

Park Naturalist Bauer has also prepared several chapters in the manuscript dealing with "Behind the Scenery in Yellowstone National Park." Some of these chapters have involved some research work.

The museums were closed at the end of the 1942 season as follows:

Norris Museum	August 31
Madison Museum	September 7
Fishing Bridge Museum	September 9
Old Faithful Museum	September 14
Mammoth Museum	September 14

At the beginning of the 1943 season only two museums were opened to the public - Mammoth Museum on June 13, and Old Faithful Museum on May 12.

The Yellowstone Library and Museum Association carried on the sale of books to a limited extent during the summer of 1943 at the Mammoth and Old Faithful museums. Miss Priscilla Foster was hired as the temporary librarian for the summer of 1943.

The funds of the Association are much less than in previous years because sales have dropped off considerably the last two seasons. The herbarium project was completed last season and the work of Miss Susan Fry and her assistant, Lillian Winiecke proved to be very satisfactory. Dr. W. B. McDougall, Assistant Park Naturalist, has checked the herbium and added over 100 specimens to the herbarium which were sent for identification to specialists.

Work on obtaining copies of newspaper files from the Livingston library has been postponed because of lack of help and the same is true of the work on printing the microfilm. During the year we received six reels of microfilm from the National Archives on departmental correspondence relating to Yellowstone National Park between the years 1878 and 1878.

About 130 linear feet of shelving has been added to the library during the past year and the books have been placed in order. The inventory for this year is completed.

Respectfully submitted,

C. Max Bauer
Park Naturalist

Director
Region Two Office
museum
CMB:LVC
(Original - [illegible])

Park Naturalist Sauer has also prepared several chapters in the manuscript dealing with "Behind the Scenery in Yellowstone National Park." Some of these chapters have involved some research work.

The museums were closed at the end of the 1948 season as follows:

Norris Museum	August 31
Madison Museum	September 7
Fishing Bridge Museum	September 7
Old Faithful Museum	September 12
Mammoth Museum	September 21

At the beginning of the 1948-season only two museums were opened to the public - Mammoth museum on June 13, and Old Faithful museum on May 17.

The Yellowstone Library and Museum Association carried on the sale of books to a limited extent during the summer of 1948 at the Mammoth and Old Faithful museums. Miss Friedlin Tesler was hired at the temporary librarian for the summer of 1948.

The films of the Association are most less than in previous years because sales have dropped off considerably the last two seasons. The Bertheau project was completed last season and the work of Miss Fryer and her assistant, Lillian Shinkle proved to be very satisfactory. Dr. V. E. Schoenfeld, assistant Park Naturalist, has checked the bertheau and added over 500 questions to the bertheau which were sent for identification to specialists.

Work on obtaining copies of newspaper files from the Livingston library has been postponed because of lack of help and the same is true of the work on printing the microfilm. During the year we received the reels of microfilm from the National Archives on departmental correspondence relating to Yellowstone National Park between the years 1878 and 1879.

About 150 linear feet of shelving has been added to the library during the past year and the books have been placed in order. The inventory for this year is completed.

Respectfully submitted,

C. Max Bauer
Park Naturalist

Director
Region Two Office

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DIVISION FOR JULY 1943

GENERAL:

The marked characteristic of the month of July was the steady travel. Although it was not large, the daily travel was very uniform and the museum at Mammoth and at Old Faithful received about 30 and 80 visitors a day respectively.

Protective work by Assistant Park Naturalist Brodrick in the Upper Geyser Basin relieved members of the regular ranger staff for other duties and he covered the basin at least twice each day. Cases of vandalism are much reduced in this area this season.

Administration:

Special Activities, conferences:

A staff conference of Division Heads of Yellowstone National Park was held on July 8. Other conferences were held with the Superintendent and Assistant Superintendent several times each week.

On July 17 a conference with the Chemical Warfare group including Dr. Malcolm Dole, Dr. Brooks, and Captain Ritter resulted in persuading them to use some other area outside of Yellowstone National Park for their experimental work. Later on the same day a conference was held with Director Drury, Messrs. Cahalane, Murie, Rogers, Evans, Barrows, Johnston, and Bauer on the elk program, particularly with regard to census taking of live and dead animals and the management of the elk herd for this coming season.

Howard Baker of the Regional Office visited the Park from July 17 to July 20. On July 17 the Park Naturalist had a conference with Mr. Baker on the interpretive statements for the Master Plan and other matters pertaining to the Master Plan for Yellowstone National Park.

On July 30 and 31 we were visited by a group of scientists from the Carnegie Museum of Pittsburgh. The party included Dr. Avinoff, Director of the Museum, Dr. LeRoy Kay, Geologist, and Mr. Kenneth Doutt, Biologist.

Assistant Park Naturalist McDougall spent three days of each week on field work on the winter elk range.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DIVISION FOR
JULY 1943

GENERAL:

The marked characteristic of the month of July was the steady travel. Although it was not large, the daily travel was very uniform and the season at Mammoth and at Old Faithful received about 30 and 60 visitors a day respectively.

Protective work by Assistant Park Naturalist Brownlee on the Upper Geyser Basin relieved members of the regular ranger staff for other duties and he covered the basin at least twice each day. Cases of vandalism are much reduced in this area this season.

Administration:

Special Activities, conferences:

A staff conference of Lakeshore Roads of Yellowstone National Park was held on July 8. Other conferences were held with the Superintendent and Assistant Superintendent several times each week.

On July 17 a conference with the Chemical warfare group including Dr. Malcolm Dale, Mr. Brooks, and Captain Miller resulted in persuading them to use some other area outside of Yellowstone National Park for their experimental work. Later on the same day a conference was held with Director Drury, Messrs. Jackson, Harris, Rogers, Evans, Barrows, Johnston, and Shaw on the elk program, particularly with regard to seasons taking of live and dead animals and the management of the elk herd for this coming season.

Thomas Baker of the Regional Office visited the Park from July 17 to July 20. On July 17 the Park Naturalist had a conference with Mr. Baker on the interpretive statements for the Master Plan and other matters pertaining to the Master Plan for Yellowstone National Park.

On July 30 and 31 we were visited by a group of scientists from the Carnegie Museum of Pittsburgh. The party included Mr. Archbold, Director of the Museum, Dr. LeRoy Day, Geologist, and Mr. Kenneth Scott, Biologist.

Assistant Park Naturalist McDougall spent three days of each week on field work on the winter elk range.

Personnel, labor:

Park Naturalist Bauer was on duty all month.

Assistant Park Naturalist McDougall was on duty all month.

Assistant Park Naturalist Brodrick was on duty all month.

Clerk LeRoy Van Cott was on duty all month except 15 minutes of annual leave on the 15th and 4 hours sick leave on July 27th.

Librarian Priscilla Foster was employed by the Yellowstone Library and Museum Association and was on duty all month.

Interpretation:

Interpretive Contacts:

The statistics are shown in the sheet attached. Most of the contact work involves talking with individuals or small groups.

A party of 63 students from the School of Field Geology of the University of Missouri visited the museum on July 10th. Another group of 10 students of the Princeton School of Field Geology visited the museum early in the month.

Statistical Report:

The statistical report for the month of July is attached hereto.

Museum Activities and Exhibits:

Progress of Exhibit Plans and Projects:

Some progress was made on the preparation of the Artist Point Exhibit. We are now waiting for the superstructure to be set up at the proper location so that the case can be put into it.

Research and Observation:

Some records of the geyser activity are being kept this season by Assistant Park Naturalist Brodrick. However, these records will apply only to a few of the geysers in the Upper Basin and will not be as complete as in previous seasons.

Assistant Park Naturalist McDougall is carrying on studies on the winter elk range which will probably be submitted in a report through the Chief Ranger.

Personnel, Labor:

Park Naturalist Baker was on duty all month.

Assistant Park Naturalist Babengall was on duty all month.

Assistant Park Naturalist Brodrick was on duty all month.

Clerk Labor Van Dort was on duty all month except 17 minutes of annual leave on the 15th and 1 hour sick leave on July 27th.

Librarian Priscilla Foster was employed by the Yellowstone Library and Museum Association and was on duty all month.

Interpretation:

Interpretive Contacts:

The statistics are shown in the above statistics. Most of the contacts work involves talking with individuals or small groups.

A party of 63 students from the School of Field Geology of the University of Missouri visited the museum on July 10th. Another group of 18 students of the Princeton School of Field Geology visited the museum early in the month.

Statistical Report:

The statistical report for the month of July is attached hereto.

Museum Activities and Exhibits:

Progress in Exhibit Plans and Projects:

Good progress was made on the preparation of the Artist Point Exhibits. We are now waiting for the superstructure to be set up at the proper location so that the case can be put down it.

Research and Observation:

Some results of the papers activity are being kept this season by Assistant Park Naturalist Brodrick. However, these records will apply only to a few of the papers in the Upper Basin and will not be as complete as in previous seasons.

Assistant Park Naturalist Babengall is carrying on studies on the winter elk range which will probably be submitted in a report through the Chief Ranger.

The following is a report by Assistant Park Naturalist of the geysers observed during July, 1943:

Old Faithful: Longest recorded interval was 84-1/2 minutes. Shortest interval 39 minutes. Intervals between eruptions during daytime averaged 63.45 minutes this month. 376 eruptions.

Grand: Has been very irregular this month, running from 32 to over 90 hour intervals. No accurage average can be compiled as several eruptions occured at night. Twelve eruptions were recorded as follows:

July 2	- 1:30 p.m.	July 15	- late evening
July 5	- 2:30 p.m.	July 20	- 3:00 p.m.
July 7	- 8:20 p.m.	July 22	- 10:00 a.m.
July 10	- 4 or 5 a.m.	July 25	- 8:45 p.m.
July 14	- 1:00 p.m.	July 28	- 12:20 p.m.

July 30 or 31, around midnight or soon after.

Giant: Two eruptions this month, the first recorded since winter.
July 8 - 4:50 p.m. duration 1 hour 20 min.
July 23 - 5:58 p.m. duration 1 hour 15 min.
The eruptions were not exceptionally high.

Beehive: Reported by two visitors near it to have erupted briefly to about 150 feet in height on July 23, at 4:30 p.m. Not observed by me as I was at the north end of the geyser basin at the time and also the ranger on duty at the office was in the back office.

Riverside: Has erupted consistently at 8-1/4 hour intervals with occasional slightly longer periods this month. Duration including steam phase about 25 minutes.

Daisy: Has been in action regularly at intervals averaging about 2-1/4 hours with a few longer ones recorded as well as several from 1-3/4 hours to 2 hour intervals. Volume quite good with duration about 3-1/2 minutes.

Castle: Has been very active this month, not only in frequency but in size. District Ranger Bauman states that it has been more regular in eruptions and with more volume and height than he has ever seen it previously. On 8 days, 2 daily eruptions were recorded averaging about 11-1/2 hours apart. On 14 other days the eruptions occurred about noon which would throw the second one about midnight. Duration about 20 or 25 minutes with the following hour or more of steam phase. Height running from 30 or 40 to 50 feet with an occasional 60 feet or greater spurt.

The following is a report by Assistant Park Naturalist of the geysers observed during July, 1963:

Old Faithful: Longest recorded interval was 4-1/2 minutes. Shortest interval 30 minutes. Intervals between eruptions during daytime averaged 53.45 minutes this month. 371 eruptions.

Grand: Has been very irregular this month, running from 32 to over 90 hour intervals. No average average can be compiled as several eruptions occurred at night. Twelve eruptions were recorded as follows:

July 2 - 1:30 p.m. July 15 - 1:45 evening
July 5 - 2:30 p.m. July 20 - 2:00 p.m.
July 7 - 3:20 p.m. July 22 - 10:00 p.m.
July 10 - 4 or 5 a.m. July 25 - 8:45 p.m.
July 14 - 1:00 p.m. July 28 - 12:20 p.m.
July 30 or 31, around midnight or even after.

Giant: Has eruptions this month, the first recorded since winter.
July 8 - 4:30 p.m. duration 1 hour 20 min.
July 23 - 5:45 p.m. duration 1 hour 11 min.
The eruptions were not exceptionally high.

Beehive: Reported by two visitors near 18 to have erupted briefly to about 150 feet in height on July 23, at 4:30 p.m. Not observed by me as I was at the north end of the geyser basin at the time and also the ranger on duty at the office was in the back office.

Riverside: Has erupted consistently at 5-1/4 hour intervals with occasional slightly longer periods this month. Duration fluctuating steam phase about 25 minutes.

Lion: Has been in action regularly at intervals averaging about 5-1/2 hours with a few longer ones recorded as well as several from 3-3/4 hours to 2 hour intervals. Volume quite good with duration about 5-1/2 minutes.

Castle: Has been very active this month, not only in frequency but in size. Difficult longer beaten states that it has been more regular in eruptions and with more volume and height than in the year seen it previously. On 5 days, 2 daily eruptions were recorded averaging about 11-1/2 hours apart. On 14 other days the eruptions occurred about twice which would throw the return one about midnight. Duration about 20 or 25 minutes with the following hour of more of steam phase. Lengths running from 30 to 40 to 50 feet with an occasional 60 feet or greater apart.

Lion: Had 9 active phases that were observed this month, each ranging from 3 to 7 eruptions during the day.

Grotto: Has been quite active with an occasional play from Rocket and a number by the un-named geyser in the Grotto drain. I haven't seen the Drain in a complete action but have seen it finishing several times and it has been reported by visitors to have played to about 50 feet.

Rainbow Pool: Is very active, erupting to from 5 to 10 feet every five minutes or so with eruptions of very short duration but with an occasional longer one to 15 or 20 feet and two that have been observed to reach from 40 to 60 feet in height. A more detailed study will be made of the pool.

Lone Star: Seven records of Lone Star eruptions were made largely through the aid of reports from visitors. The only consecutive record is on the 24th with one at 2:45 p.m. and one at 6:05 p.m., a 3 hour 20 minute interval.

Library Activities:

Accessioning of books has been carried on during the month and many items have been filed. In addition, Miss Foster, Librarian, hasdone some subject indexing on geysers and hot springs. Toward the end of the month we began an inventory of the book stacks.

The library statistics are as follows:

Books in circulation.	7
Books received during July.	16
Indefinite loan of books.	3
Pamphlets received during July.	8
Magazines received during July.	15

Natural History Association Activities:

The total amount of sales for the month of July at Old Faithful and Mammoth Museums were $91.77.

PROPOSED OUTLINE OF WORK FOR AUGUST

The plans for August will be very similar to those for July. The Park Naturalist has been asked to appear at the Jackson Hole National Monument hearing from August 16 to 18 incl. and will probably be called upon to handle other special parties during the month.

Respectfully submitted,

C. Max Bauer,
Park Naturalist.

Director (Russell)
Region Two
Museum
LWC

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS

Yellowstone National Park

Name of Area

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	2	1	
Temporary			

July
Month
1943
Year

CONDUCTED TRIPS	No.	Attend.	Duration*	V.P.H.**
Auto Caravans				
Hiking Trips				
Ruins				
*				
*List other types Total			XXXX	
TALKS				
~~Campfire~~ **Old Faithful Illustrated Talks**	4	157	1 hour	157
Hotel or Lodge				
Museum				
Outside of Park				
Special**				
**Includes all other types Total	4	157	XXXX	157
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station				
Mammoth Museum		848	10 min.	141
Old Faithful Museum		2,946	5 min.	245
Old Faithful Geyser Basin		350	5 min.	30
Old Faithful Cone Talks	58	1,749	10 min.	291
List by name and type	58	5,893	XXXX	707
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
List by name and type			XXXX	

BROADCASTS

Station	Subject

Total Contacts 6,050
Total V.P.H. 864
Total Visitors 19,256

Name ~~C. Max Bauer, Park Naturalist.~~
Title

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

* AVERAGE DURATION OF ACTIVITY.

** THIS COLUMN REPRESENTS VISITOR PARTICIPATION HOURS. THE FIGURE IS OBTAINED BY MULTIPLYING THE ~~VISITOR~~ talk ATTENDANCE BY THE AVERAGE DURATION OF THE CONTACT; I.E., THE AVERAGE TIME DEVOTED TO THE TRIP, LECTURE, MUSEUM VISIT, OR USE OF INTERPRETIVE STATIONS.

128897

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DIVISION FOR AUGUST 1943

GENERAL:

The month of August was even quieter from the standpoint of travel than July. The Park Naturalist accompanied the Superintendent and the Public Lands Committee of the House to the Jackson Hole hearings and spent a week in conducting parties of congressmen and senators in the Park and provided transportation to and from the Jackson Hole hearings.

Administration:

Special Activities, conferences:

No regular staff conference was held during the month of August but numerous conferences were held with the Superintendent and other division heads on various programs of work carried on.

We have had a few visits from national personalities such as Mr. Kenneth Reid, Executive Secretary of the Izaac Walton League and Mr. Frank Lipp, art photographer of Chicago.

Personnel, labor:

Park Naturalist Bauer was on duty all month.

Assistant Park Naturalist McDougall was on duty all month.

Assistant Park Naturalist Brodrick was on duty all month.

Clerk LeRoy Van Cott was on duty all month except 1-1/2 days of sick leave and 2 days and 1 hour of annual leave.

Librarian Priscilla Foster, employed by the Yellowstone Library and Museum Association, was on duty all month.

Interpretive Contacts:

Aside from the personal contacts made in the museums and in the geyser basins very little service was rendered to the visitors along this line.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING
REPORT OF THE NATURALIST DIVISION FOR
AUGUST 1943

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Special Activities, conferences:

No regular staff conference was held during the month of August but numerous conferences were held with the Superintendent and other division heads on various programs of work carried on.

We have had a few visits from national personalities such as Dr. Kenneth Reid, Executive Secretary of the Inner Mutual League and Dr. Frank Lipp, art photographer of Chicago.

Personnel, labor:

Park Naturalist Baker was on duty all month.

Assistant Park Naturalist McDougall was on duty all month.

Assistant Park Naturalist Bradrick was on duty all month.

Clerk Lacey Van Cott was on duty all month, except 1-1/2 days of sick leave and 2 days and 1 hour of annual leave.

Librarian Priscilla Foster, employed by the Yellowstone Library and Museum Association, was on duty all month.

Interpretive Contacts:

Aside from the personal contacts made in the museum and in the gapper teaths very little service was rendered to the visitors along this line.

The temporary ranger, Harold Richardson, gave two talks in Cooke, Montana for the benefit of the citizens up there in which he used movie film and slides, some of which were supplied from the Yellowstone collection. It is reported that at the first showing he had 70 in attendance and at the second one, about 45.

Statistical Report

The statistical report for the month of August is attached hereto.

Research and Observation

Further records were accumulated by Assistant Park Naturalist Brodrick on the activities of the geysers during the month of August and the report has been submitted. Part of it is included with this report as follows:

Old Faithful - Longest recorded interval 84 minutes. Shortest interval 41 minutes. Interval between eruptions during daytime average 63.19 minutes for 381 recorded eruptions.

Grand - has continued very irregular this month running from 28 to 113-1/2 hours intervals. Eleven eruptions were recorded as follows:

Aug. 2	very early A.M.	Aug. 13	3:13 p.m.
3	7:20 p.m.	16	very late evening
5	6:00 p.m.	19	8:20 p.m.
10	11:20 a.m.	23	3:00 p.m.
11	3:35 p.m.	27	3:15 p.m.
		30	sometime in night

Giant - Two eruptions this month. August 3 at 2:55 p.m. duration of 1 hour 25 minutes. August 30, 1:20 p.m. The small vents around Giant continued very active.

Beehive - One very nice eruption on August 19 at 7:50 p.m. duration 8 minutes, height to 185 feet.

Riverside - has erupted rather consistently at about 8-1/4 hour intervals with a few longer periods and several shorter ones. The minimum recorded is 7 hours 55 minutes. Duration is normal.

Daisy - has continued to be rather irregular with most eruptions running from 2 to 2-1/2 hour intervals, with some a little longer and some shorter. Duration 3-1/2 minutes.

Castle - has continued very active and comparatively regular. On 17 days it erupted in the middle of the day, 14 of which ran from 12:50 to

The temporary-employ, Patrick Blackstone, gave his facts in [illegible] manner for the benefit of the citizens gathered in order to find work [illegible] and sitting, some of which were supplied from the following [illegible] information. It is reported that at the date [illegible] to be at [illegible] and at the second one, about 12.

Statistical Issues

The statistical report for the month of August is attached herewith.

Summary and Conclusions

Further records were accumulated by Assistant Area Statistical [illegible] on the activities of the program during the month of August and the results have been published. Note of it is included with this report as follows:

(1) Visitors - Largest number [illegible] to [illegible]. Further [illegible] 11 months. Slightly lessened visitors during daytime [illegible] 6:00 [illegible] for 24 [illegible] evenings.

(2) [illegible] - [illegible] 1 [illegible] 12 [illegible] 12:00 [illegible] 2:00 [illegible] 3:00 [illegible] 4:00 [illegible] 5:00 [illegible] 6:00 [illegible] 7:00 [illegible] 8:00 [illegible] 9:00 [illegible] 10:00 [illegible] 11:00 [illegible] 12:00 [illegible] 1

1:30 p.m. starting time. On 13 days it was on the morning and evening phase, at from 6 to 7:30 a.m. and 5:30 to 7:30 p.m. Height and duration the same as for July.

Lion - Six active phases this month ranging from 3 to 6 eruptions of 3 to 6 minute duration with a number of other single eruptions recorded.

Grotto - has been active as usual with an occasional eruption of the drain reported. Unfortunately I have been able to witness only two or three of the drain.

Lone Star - 10 records of eruptions were made through reports from visitors. No consecutive eruptions however.

Great Fountain - Three reports of eruptions made. None consecutive.

Pink Cone - Two records of eruptions made. August 23 by District Ranger Bauman. It seemed to be finishing eruption to 15 or 20 feet. August 25, reported by visitors. Observed for 15 minutes while active, eruption from 30 to 45 feet in height.

The following were also seen in action: Sawmill, Rainbow Pool, Oblong, Bulger, Turban, Spasmodic, Anemone, Tardy, Triplet Vents, Little Club, Spouter, Artemisia, and several un-named ones.

Assistant Park Naturalist Walter McDougall has continued studies of the winter elk range. This work has occupied about half his time in the field and in addition while serving as attendant to the museum he has used most of his spare time in studying the data which has been accumulated throughout the summer in connection with these range studies.

Library Activities:

The library statistics are as follows:

Books in circulation. 6
Books received during August. 36
Indefinite loan of books. 2
Pamphlets received during August. . . . 5
Magazines received during August. . . .13

Natural History Association Activities:

The total amount of sales for the month of August at Old Faithful and Mammoth Museums were $86.95.

[illegible] existing lines. [illegible] was on the evening [illegible] [illegible] at [illegible] 6 to 7:15 a.m. and 5:30 to 7:30 p.m. [illegible] [illegible] the [illegible] to [illegible] daily.

Lima - The entire [illegible] was [illegible] [illegible] 1 [illegible] 2 [illegible] 5 [illegible] 6 [illegible] [illegible] [illegible] [illegible].

Toledo - [illegible] [illegible] [illegible]

PROPOSED OUTLINE OF WORK FOR SEPTEMBER 1943

The plans for the month of September call for closing of the Mammoth Museum on September 7 and in the case of Old Faithful Museum it will probably be open as long as a ranger is on duty at the station there which may be until the 20th of September or later. The other museums will have to be checked for damages done by the weather, squirrels, rats and mice. These are known to have gotten in several places and will have to be taken care of and the museums cleaned so that further depradations will not be made by these small animals.

Furthermore, inventories will have to be taken during September or early October. Also, the annual report of the Yellowstone Library and Museum Association will have to be made during the latter part of September.

The other duties will be largely routine which include conferences with the Superintendent and division heads and other members of the staff.

The handling of a certain amount of mail and supervision of library activities will be carried on.

Respectfully submitted,

C. Max Bauer,
Park Naturalist.

Director
Region Two Office

museum
CMB:LVC

(file copy is original [illegible])

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS

Yellowstone National Park
Name of Area

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	2	1	
Temporary			

August
Month
1943
Year

CONDUCTED TRIPS	No.	Attend.	Duration*	V.P.H.**
Auto Caravans				
Hiking Trips				
Ruins				
*				
*List other types Total			XXXX	
TALKS ~~LECTURES~~				
~~Campfire~~ Old Faithful illustrated talks	4	224	1 hour	224
Hotel or Lodge				
Museum				
Outside of Park				
Special**				
**Includes all other types Total	4	224	XXXX	224
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station				
Mammoth Museum		631	10 min.	105
Old Faithful Museum		3,148	5 min.	262
Old Faithful Geyser Basins		338	5 min.	28
Old Faithful Cone Talks	44	1,164	10 min.	194
List by name and type	44	5,281	XXXX	539
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
List by name and type			XXXX	

BROADCASTS

Station	Subject

Total Contacts 5,505
Total V.P.H. 813
Total Visitors 17,999

Name
Title **C. Max Bauer, Park Naturalist**

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

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128897

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DIVISION FOR SEPTEMBER 1943

GENERAL:

The travel for the month of September continued at a rather steady flow about as it has all summer. The weather for the entire month was exceptionally fine.

One of the highlights of the month was a visit to the Park by a motor truck battalion of the Quartermaster Corps. About 380 men and officers bivouacked at Old Faithful for two days and two nights. During their sojourn about 200 of the officers and men were taken around the south loop in two groups conducted by Park Naturalist Bauer and Assistant Park Naturalist Brodrick respectively. The men were very much interested and very appreciative of the Park values. The trip was taken on September 29.

Administration:

Special Activities, conferences:

On September 25 and 26 the Absaroka Wildlife Conservation Committee met in the Park to examine the winter range of the northern Yellowstone elk herd. About 24 men representing various organizations including the Montana Fish and Game Commission and the Forest Service met in the Lamar Ranger Station. After riding the range in three groups on Saturday they all met at the Lamar Ranger Station formerly known as the Buffalo Ranch and the meeting was held on Sunday which so far as the Park Service was concerned was for the purpose of educating those present in the problems connected with the management of the northern elk herd and hence basically dealt with the condition of the range at this time. The meeting proved to be very successful.

Personnel, labor:

Park Naturalist Bauer was on duty all month with the exception of annual leave from September 14 to September 23 inclusive at which timehe visited Mt. Rainier National Park.

Assistant Park Naturalist McDougall was on duty all month.

Assistant Park Naturalist Brodrick was on duty all month.

Clerk LeRoy Van Cott was on duty all month except 4 hours on the 17th, 30 minutes on the 18th, and 5 hours on the 21st.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DIVISION FOR
SEPTEMBER 1943

GENERAL:

The travel for the month of September continued at a rather steady flow about as it has all summer. The weather for the entire month was exceptionally fine.

One of the highlights of the month was a visit to the park by a motor truck battalion of the Quartermaster Corps. About 500 men and officers bivouacked at Old Faithful for two days and two nights. During their sojourn about 200 of the officers and men were taken around the south loop in two groups conducted by Park Naturalist Bauer and Assistant Park Naturalist Brodrick respectively. The men were very much interested and very appreciative of the Park values. The trip was taken on September 20.

Administration:

Special Activities, conferences:

On September 25 and 26 the Absaroka Wildlife Conservation Committee met in the Park to examine the winter range of the northern Yellowstone elk herd. About 24 men representing various organizations including the Montana Fish and Game Commission and the Forest Service met in the Lamar Ranger Station. After riding the range in three groups on Saturday they all met at the Lamar Ranger Station formerly known as the Buffalo Ranch and the meeting was held on Sunday which so far as the Park Service was concerned was for the purpose of educating those present in the problems connected with the management of the northern elk herd and hence basically dealt with the condition of the range at this time. The meeting proved to be very successful.

Personnel, labor:

Park Naturalist Bauer was on duty all month with the exception of annual leave from September 14 to September 25 inclusive at which timebe visited Mt. Rainier National Park.

Assistant Park Naturalist McDougall was on duty all month.

Assistant Park Naturalist Brodrick was on duty all month.

Clark Lakey Van Gott was on duty all month except 4 hours on the 17th, 30 minutes on the 10th, and 3 hours on the 21st.

Librarian Priscilla Foster worked in the library until noon of September 11 which was the termination of her services.

Interpretive Contacts

The Old Faithful Museum was open practically the entire month of September although the naturalist was not on duty at that point after the 12th of the month. Prior to the 12th Mr. Brodrick continued his basin patrols and gave cone talks at Old Faithful. After that time the fence around Old Faithful was put up and the District Ranger kept the museum open only incidental to the ranger work and the fact that the district ranger's office is in the museum. The Mammoth Museum was open until the close of the 7th and later on in the month if parties requested to see the museum they were permitted to come in and look over the exhibits.

Statistical Report

The statistical report for the month of September is attached hereto.

Museum Activities and Exhibits

The museum at Mammoth was closed on the 7th. Old Faithful museum was closed on the 12th. Fishing Bridge, Madison Junction, and Norris Museums were visited twice during the month to inspect and prepare them for the winter. Mouse traps have been set and emptied on two occasions and further checking of the stulls to prevent cave in of the roofs will be made in October.

Research and Observation

Park Naturalist Bauer has examined some glacial deposits which indicate that they have been cemented by hot, silica-bearing water in the vicinity of the Porcupine Hills and the Twin Buttes of the Lower Geyser Basin. Some of these consolidated drift deposits are responsible for the topographic elevation of the Porcupine Hills and Twin Buttes and other areas in the vicinity. In fact the presence of the drift itself is probably largely due to the fact that hot springs have existed there since before the glacial period.

Assistant Park Naturalist Walter B. McDougall prepared a report on his range studies for submission to District Ranger Rudolf Grimm who had charge of the range studies this summer. Dr. McDougall also prepared a key for the grasses which were found in the winter elk range. This key has been placed in the file of the herbarium at the beginning of the section on grasses.

Library Activities:

Books in circulation.	5
Books received during September . .	26
Indefinite loan of books.	4
Pamphlets received during September	6
Magazines received during September	14

Librarian Priscilla Foster worked in the library until some of September 11 which was the termination of her services.

Interpretive Contacts

The Old Faithful Museum was open practically the entire month of September although the naturalist was not on duty at that point after the 15th of the month. Prior to the 15th Mr. Bradley continued his tenth patrols and gave some talks at Old Faithful. After that time the Park around Old Faithful was put up and the District Ranger kept the museum open only incidental to the ranger work and the fact that the district rangers office is in the museum. The Museum Museum was open until the close of the 7th and later on at Chenault if parties requested to see the museum they were permitted to come in and look over the exhibits.

Statistical Report

The statistical report for the month of September is attached herein.

Museum Activities and Exhibits

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Research and Observation

Park Naturalist Bauer has submitted some glacial deposits which indicate that they have been conducted by hot, silica-bearing waters in the vicinity of the Porcupine Hills and the Twin Buttes of the lower Yellow Tuffs. Some of these consolidated drift deposits are responsible for the topographic elevation of the Porcupine Hills and Twin Buttes and other areas in the vicinity. In fact the presence of the drift itself is probably largely due to the fact that hot springs have existed these areas before the glacial period.

Assistant Park Naturalist Walter E. Kalmbach prepared a report on the range studies for submission to District Ranger Wolcott Brown who had charge of the range studies this summer. Mr. Kalmbach also prepared a map for two grasses which were found in the winter elk range. This map has been placed in the file of the herbarium at the beginning of the section on grasses.

Library Activities

Books in circulation.	1
Books received during September . .	25
Indefinite loan of books.	6
Pamphlets received during September	5
Magazines received during September	12

Natural History Association Activities:

The total amount of sales for the month of September at Mammoth Museum were $6.50 and at Old Faithful Museum were $25.10.

PROPOSED OUTLINE OF WORK FOR OCTOBER 1943

The Park Naturalist expects to carry on his study of glacial deposits during the month of October as occasion permits.

A trip to Mary Mountain is being planned.

The exhibit at Artist Point will be put in place on the first of October and shutters made for the same.

Assistant Park Naturalist Brodrick will work on filing of photographs and negatives and become familiar with the files and storage setup.

Inventories at the various museums will be checked during the month and all will be put in condition for the winter.

Dr. McDougall is to be transferred to Death Valley National Monument. His last day of service at Yellowstone is on October 6th. However, he may be carried somewhat longer until the transfer is completed.

The usual routine office work will be carried on during the month of October.

Respectfully submitted,

S. Max Bauer,
Park Naturalist.

Director
Region Two Office

museum
CMB:LVC

(file copy is original to Reports)

[illegible]

The total amount of sales for the month of [illegible] at [illegible] [illegible] were [illegible] and at the [illegible] Bazaar were [illegible].

[illegible]

The San Ramonville Aquatic Club is carrying on its study of [illegible] during the month of October on [illegible] [illegible].

Activity in Boy Scouts is being planned.

The society's April Fair will be run by [illegible] [illegible] [illegible] and another [illegible] for the year.

Additions [illegible] San Ramonville [illegible] will soon be filling [illegible] and supplies [illegible] [illegible] the file [illegible] [illegible].

Temperatures at the [illegible] Bazaar will be [illegible] during the [illegible] and all will be [illegible] for the [illegible].

Dr. [illegible] is to be [illegible] to [illegible] Valley [illegible] [illegible]. His list [illegible] be [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

The [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

Respectfully yours,

[illegible]
[illegible]
[illegible]

[illegible]
[illegible]

[illegible]

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS

Yellowstone National Park
Name of Area

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	2	1	
Temporary			

September
Month
1943
Year

CONDUCTED TRIPS	No.	Attend.	Duration*	V.P.H.**
Auto Caravans and conducted trip around	1	200	7-1/2 hrs	1500
~~Hiking Trips~~ Lower Loop for about 200				
Ruins soldiers				
*				
*List other types Total	1	200	XXXX	1500
TALKS ~~LECTURES~~				
Campfire				
Hotel or Lodge				
Museum				
Outside of Park				
Special**				
**Includes all other types Total			XXXX	
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station				
Mammoth Museum		122	10 min.	20
Old Faithful Museum		1057	5 "	88
Old Faithful Geyser Basins		75	5 "	6
Old Faithful Cone Talks	13	728	10 "	121
List by name and type	13	1982	XXXX	235
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
List by name and type			XXXX	

BROADCASTS

Station	Subject

Total Contacts 2,182
Total V.P.H. 1,735
Total Visitors 9,275

Name C. Max Bauer
Title C. Max Bauer, Park Naturalist.

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

* AVERAGE DURATION OF ACTIVITY.

** THIS COLUMN REPRESENTS VISITOR PARTICIPATION HOURS. THE FIGURE IS OBTAINED BY MULTIPLYING THE VISITOR ATTENDANCE BY THE AVERAGE DURATION OF THE CONTACT; I.E., THE AVERAGE TIME DEVOTED TO THE TRIP, ~~[illegible]~~, talk MUSEUM VISIT, OR USE OF INTERPRETIVE STATIONS.

128897

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DIVISION FOR OCTOBER 1943

GENERAL:

The weather this month has been more varied with the first half very fine while the last half was partially pleasant interspersed with brief periods of snow squalls, rain and cloudiness. Travel was noticeably lower.

Another motor truck group of the Quartermaster Corps visited the park on the 6th of the month, camping at Old Faithful on the nights of the 5th and 6th. Assistant Park Naturalists McDougall and Brodrick each escorted groups of about 115 men around the lower loop on a 7-1/2 hour trip. The men were very appreciative and seemed to be even more interested than the previous group.

Administration:

Special Activities, conferences:

No regular staff conference was held during the month but a number of conferences were held by the Park Naturalist with the Superintendent, Assistant Superintendent, and other Division Heads on various phases of the work. The Park Naturalist attended several meetings of the Board of Survey and also conferred with Mr. Olaus Murie, discussing bison and bear studies.

Personnel, labor:

Park Naturalist Bauer was on duty all month, except 1 day sick leave Oct.30

Assistant Park Naturalist McDougall was on duty all month except one day of annual leave on October 9 and three hours on the 26th at which time he left for Death Valley National Monument where he is being transferred, reporting there for duty on November 1. He also took annual leave on October 30th.

Assistant Park Naturalist Brodrick was on duty all month except three days of annual leave on the 1st, 2nd, and 16th of the month.

Clerk LeRoy Van Cott was on duty half days all month except one hour on the 11th, and annual leave taken on the 14th and 29th.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST SERVICE FOR
OCTOBER 1963

GENERAL:

The weather this month has been more varied with the first half very fine while the last half was partially pleasant interspersed with brief periods of snow squalls, rain and cloudiness. Travel was noticeably lower.

Another motor trout group of the Quartermaster Corps visited the park on the 6th of the month, camping at Old Faithful on the nights of the 5th and 6th. Assistant Park Naturalists Rubengall and Brodrick each escorted groups of about 115 men around the lower loop on a 7½ hour trip. The men were very appreciative and seemed to be even more interested than the previous group.

Administration:

Special Activities, conferences:

No regular staff conferences was held during the month but a number of conferences were held by the Park Naturalist with the Superintendent, Assistant Superintendent, and other Division Heads on various phases of the work. The Park Naturalist attended several meetings of the Board of Survey and also conferred with Mr. Glenn Davis, Discussing Blank and Beer studies.

Personnel, labor:

Park Naturalist Bauer was on duty all month, except 1 day sick leave 1st.

Assistant Park Naturalist Rubengall was on duty all month except one day of annual leave on October 9 and three hours on the 25th at which time he left for Death Valley National Monument where he is being transferred, reporting there for duty on November 1. He also took annual leave on October 30th.

Assistant Park Naturalist Brodrick was on duty all month except three days of annual leave on the 1st, 2nd, and 16th of the month.

Clerk Lacey Van Cott was on duty half days all month except one hour on the 11th, and annual leave taken on the 11th and 25th.

Interpretive Contacts:

No regular interpretive activities were carried out this month with the exception of the soldier convoy. Both Mammoth and Old Faithful Museums are closed. However, any visitors that call are permitted to see the Mammoth exhibits and several of them stopped to see the museums during the month.

Statistical Report

The statistical report for the month of October is attached hereto.

Museum Activities and Exhibits

The exhibit at Artist Point was put in place the first of the month and winter shutters made and put up. The Park Naturalist and Assistant Park Naturalist Brodrick made an all day trip on the 14th to inspect all of the museums. The mouse traps were empties and reset and inventories made at Canyon and Tower Falls.

Research and Observation

Park Naturalist Bauer continued his studies on glaciation and made a trip with Superintendent Rogers and Mr. Haynes to Mary Lake on the 5th returning on the 6th for further study. Several interesting observations were made. He also spent considerable time with Clerk Van Cott in checking over the Place Name file. Studies on several subjects were made and memoranda written including a report on naturalist activities requested by the Director, for use at the Bureau of the Budget hearings.

Assistant Park Naturalist McDougall spent considerable time in checking the entire herbarium against Standardized Plant Names and also the card catalogue. This work was completed and a tentative revision of the manuscript for Plants of Yellowstone was started before he left for Death Valley National Monument on October 26.

Library Activities

Books in circulation.	4
Books received during October . . .	6
Indefinite loan of books.	3
Pamphlets received during October	5
Magazines received during October	15

Photographic and other visual aids:

Assistant Park Naturalist Brodrick spent some time on routine work on the photo files, indexing negatives and mounting prints in the albums.

Interpretive Contacts:

In regular interpretive activities were carried out this month with the exception of the [illegible]. Both [illegible] and [illegible] are closed. However, any visitors that will are permitted to use the [illegible] activity and several of them stopped to see the museum during the month.

Statistical Report

The statistical report for the month of October is attached herein.

Museum Activities and Exhibits

The exhibit at Artist Point was put in place the first of the month and winter problems made and put up. The Park Naturalist and Assistant Park Naturalist Produced made an all day trip on the Park to inspect all of the museums. The [illegible] were emptied and [illegible] and [illegible] made at Canyon and Dome Falls.

Research and Observation

Park Naturalist Dewey continued his studies on glaciation and made a trip with Superintendent Rogers and Mr. Bagnet to Mary Lake on the 7th returning on the 8th for further study. Several interesting observations were made. He also spent considerable time with Clark Van Dort in checking over the Plant Dome file. Studies on several subjects were made and [illegible] written including a report on naturalist activities requested by the Director, for use at the Bureau of the Budget Hearings.

Assistant Park Naturalist [illegible] spent considerable time in checking the entire [illegible] against [illegible] and also the card catalogue. This work was completed and a tentative revision of the [illegible] for Fields of Yellowstone was started before he left for Death Valley National Monument on October 20.

Library Activities

Books in circulation. . . . . .
Books received during October . . .
Indefinite loan of books. . . . . .
Pamphlets received during October
Magazines received during October

Photographic and other visual aids.

Assistant Park Naturalist Produced spent some time on revising work on the photo files, indexing pamphlets and [illegible] to the [illegible].

Also a start was made on checking the albums to re-glue any prints that might be loose. He worked in the dark room developing and printing pictures taken during the summer and continued work on making prints of the old army negatives.

Natural History Association Activities:

The Annual Meeting of the Board of Directors of the Yellowstone Library and Museum Association was held on October 8th. Present were T. Paul Wilcox, Edmund B. Rogers, Joseph Joffe, Jack E. Haynes and C. Max Bauer. Guests were Fred T. Johnston, Maynard Barrows, Harold Brodrick and Walter B. McDougall with LeRoy Van Cott acting as clerk. There were four vacancies on the Board created by the expiration of the terms of J. W. Emmert and Dave Condon and the absence on military duty of Francis LaNoue and Frank Anderson. Fred Johnston was elected vice Emmert, Harold Brodrick vice Condon, Maynard Barrows vice LaNoue, and Leon Evans vice Anderson.

Due to the transfer of Assistant Park Naturalist McDougall to Death Valley National Monument, Assistant Park Naturalist Brodrick has been assigned to take over the publication sales and records and he spent some time in making inventories and familiarizing himself with the files and records. No publication sales were made this month.

PROPOSED OUTLINE OF WORK FOR NOVEMBER 1943

The Park Naturalist expects to continue his studies already initiated, the office routine and correspondence and assistance in work on the Place Name file.

Assistant Park Naturalist Brodrick will continue the work on photo files, indexes and dark room, historical and miscellaneous studies on the Park and the various routine matters that come up.

Respectfully submitted,

Harold J. Brodrick,
Assistant Park Naturalist.

Director
Region Two Office

museum
HJB:LVC
(original copy to Rogers is file copy)

Also a start was made on checking the albums to weigh any prints that might be loose. He worked in the dark room developing and printing pictures taken during the summer and continued work on making prints of the old army negatives.

Natural History Association Activities:

The Annual Meeting of the Board of Directors of the Yellowstone Library and Museum Association was held on October 27th. Present were T. Paul Gilson, Edmund J. Rogers, Joseph Jaffe, Jack L. Rogers and C. Max Bauer. Guests were Fred T. Johnston, Maynard Barrows, Harold Bradrick and Walter S. Kobayashi with Leroy Van Dort acting as clerk. There were four resources on the Board created by the expiration of the terms of J. M. Emmert and Dave Condon and the absence on military duty of Francis Lehane and Frank Anderson. Fred Johnston was elected vice President, Harold Bradrick vice President, Maynard Barrows vice Treasurer, and Leroy Frank vice Secretary.

Due to the transfer of Assistant Park Naturalist Kobayashi to Death Valley National Monument, Assistant Park Naturalist Bradrick has been assigned to take over the publication sales and records and be spent some time in making Inventories and Familiarizing Oneself with the files and records. No publication sales were made this month.

[illegible]

The Park Naturalist expects to continue his studies already initiated, the office routine and correspondence and assistance in work on the Trade Mark file.

Assistant Park Naturalist Bradrick will continue the work on photo files, Indexes and Dark Room, historical and miscellaneous studies on the Park and the various routine matters that came up.

Respectfully submitted,

Harold J. Bradrick,
Assistant Park Naturalist.

Director
Region Two Office

museum
[illegible]
(original copy to Rogers in file copy)

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS IN SCENIC OR SCIENTIFIC AREAS

Yellowstone National Park

Name of Area

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	2	1	
Temporary			

October
Month
1943
Year

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
Auto Caravans and conducted trip around	2	115	7-1/2 hrs.	863
~~Hiking Trips~~ Lower Loop for about				
Ruins soldiers				
*				
*List other types Total	2	115	XXXX	863
LECTURES				
Campfire				
Hotel or Lodge				
Museum				
Outside of Park				
Special**				
**Includes all other types Total			XXXX	
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station				
List by name and type			XXXX	
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
List by name and type			XXXX	

BROADCASTS

Station	Subject

Total Contacts 115
Total V.P.H. 863
Total Visitors 2,644

Name
Title Assistant Park Naturalist

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

* AVERAGE DURATION OF ACTIVITY.

** THIS COLUMN REPRESENTS VISITOR PARTICIPATION HOURS. THE FIGURE IS OBTAINED BY MULTIPLYING THE VISITOR ATTENDANCE BY THE AVERAGE DURATION OF THE CONTACT; I.E., THE AVERAGE TIME DEVOTED TO THE TRIP, LECTURE, MUSEUM VISIT, OR USE OF INTERPRETIVE STATIONS.

128897

October 25, 1943

MEMORANDUM for the Director:

Attention - Chief Naturalist

We are submitting herewith a reply to your memorandum of October 19 giving a statistical review of the work of the Naturalist Division for the travel year of 1943 contrasted with that of 1942.

We note in your first paragraph that you ask for the past fiscal year. Our statistics with regard to numbers of visitors served, guided trips, lectures, museum attendance and so forth are all made up on the basis of the travel year - October 1 to September 30. If you require a division according to the fiscal year please advise us as it will be necessary to make up a new set of figures.

Below we are giving the name, position, and annual salary of each of the permanent employees for 1942 and 1943. We are also giving the name of each ranger naturalist and his monthly salary for 1942. There were no ranger naturalists employed in 1943.

Permanent Employees	1942	1943
Clyde Max Bauer, Park Naturalist	$4400.00	$4400.00
Walter B. McDougall, Asst. Park Nat.		2700.00
David D. Condon, Asst. Park Nat.	2700.00	
Harold J. Brodrick, Asst. Park N.		2600.00
Albert Long, Asst. Park Naturalist	2600.00	
LeRoy Van Cott, Clerk	1860.00	1920.00

Seasonal Employees (summer only)

Herbert T. Lystrup, ranger naturalist	$150.00 per mo.	
Wayne Replogle	"	"
Willis Eggler	"	"
Jack Lang	"	"
John Thompson	"	"
John McMillan	"	"
Franklin Potter	"	"
Homer J. Smith	"	"
Lowell Biddulph	"	"
Joseph Catmull	"	"
George Marler	"	"

[illegible], 1943

MEMORANDUM for the Directors

Attention - Chief Naturalist

We are submitting herewith a reply to your memorandum of October 15 giving a statistical review of the work of the Naturalist Division for the travel year of 1942 contrasted with that of 1943.

We note in your first paragraph that you ask for the park fiscal year. Our statistics with regard to numbers of visitors served, guided trips, lectures, museum attendance and so forth are all made up on the basis of the travel year - October 1 to September 30. If you require a division according to the fiscal year please advise us as it will be necessary to make up a new set of figures.

Below we are giving the same, positions, and annual salary of each of the permanent employees for 1942 and 1943. We are also giving the name of each ranger naturalist and his monthly salary for 1942. There were no ranger naturalists employed in 1943.

Permanent Employees	1942	1943
Clyde Rae Gower, Park Naturalist	[illegible]	[illegible]
Walter F. McDougall, Asst. Park Nat.		[illegible]
David S. Gordon, Asst. Park Nat.	[illegible]	
Harold J. Woodrow, Asst. Park N.		[illegible]
Albert Lang, Asst. Park Naturalist	[illegible]	
Lacey Van Gaet, Clerk	[illegible]	[illegible]

Seasonal Employees (summer only)

Herbert T. Ipsbrug, ranger naturalist	[illegible]	per mo.
Norma Twoigle	"	"
Willis Eggles	"	"
Jack Lang	"	"
John Thompson	"	"
John Hamilton	"	"
Franklin Fuller	"	"
Homer J. Smith	"	"
Lowell Hidalgh	"	"
Joseph Cahnell	"	"
George Hafner	"	"

Seasonal Employees (summer only) (continued) 1942

Harry Truman	-	ranger naturalist	$150.00 per mo.
Samuel M. Beal		"	"
Frederick Bieberdorf		"	"
Arthur Nash		"	"
Daniel Turner		"	"

The naturalists have worked with the rangers in all phases of protection work including fire prevention and fire suppression, prevention of geyser and hot spring spoliation and patrolling of geyser areas, traffic control and instruction to visitors on rules and regulations, also wildlife management problems and problems relating to bears and bear control and protection of visitors. In all these matters naturalists have assisted and taken active part in planning and executing protection objectives.

In the season of 1942 we were able to man five museums and information desks. In 1943 we were able to keep only two museums open to the public. In 1943 all campfire programs, nature walks, and guided trips were discontinued. A few special parties were handled as indicated in the attached statistical reports.

Greater interest by military groups was shown in 1943 than 1942. Several units asked for guided trips around the park or the south loop drive and over the geyser basins. This service we supplied when asked to do so though we did not have sufficient personnel to care for all the groups coming in. A few special talks and illustrated lectures were given at Upper Geyser Basin, by request. Talks were given at the eruption of Old Faithful Geyser eight or ten times each day. Some of them were given by seasonal rangers but most by the Assistant Park Naturalist.

For the summary of numbers served, guided trips, lectures, museum exhibit attendance for 1943 as contrasted with 1942 see the two attached statistical reports.

Research has been done on methods of geyser protection and several memoranda prepared. Plans have been made for information booths at the entrance gates which will aid the work of park protection greatly, by furnishing needed instruction on rules, regulations and general information to the visitor at the beginning of his trip instead of taking a chance on contacting him later or probably failing to contact him at all. Such plans for 100% control of visitors will be especially needed in post-war times when the large numbers will again be coming to our gates.

Research on the condition of the northern Yellowstone elk winter range was carried on this summer. An assistant park naturalist gave one half of his time to this project during July and August. Other than the above, re-

Personal Employees (Summer only) (continued)		Total
Mary Crowe	- Theater materials	[illegible] per mo.
Daniel E. Beal	"	"
Frederick Blackwood	"	"
Arthur Dean	"	"
Muriel Turner	"	"

The responsibility borne vested with the employing is all change of personnel, work including fire prevention and fire suppression, protection of property and has special specialists and patrolling of large-scale areas. Overall equipment includes the stations on roles and specifications, also activity managers each provides and provisions provisions to house and keep voluntary and professional at stations. In all these methods responsibility have assigned and taken serious part in planning and managing permanent operations.

In the spring of 1963 we were able to save the Fire Department and Industrial Center. In 1963 we were able to keep only two crewing sites in the public. In 1964 all-everything programme, Barbara Walker, had picked twice were [illegible] closed. I the special public were handled as indicated in the attached [illegible] reports.

Weather interrupt in military groups was shown in 1963 when [illegible]. [illegible] were asked for picket lines around the yard in the middle of the night before work [illegible] over the power boxes. This service we supplied when called for in as though we did not have sufficient personnel to cover for all the groups [illegible] a few special [illegible] and industrial [illegible] were given at [illegible] by request. Talks were given on the principle of [illegible] [illegible] or two times each day. Some of them were given by [illegible] [illegible] by the [illegible] [illegible].

For the economy of [illegible] [illegible], public [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

Research has been done on [illegible] of [illegible] [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

search has been reduced to the minimum. The Park Naturalist has made some historical investigations and in odd moments has examined some unusual glacial deposits which have been brought about by excessive melting of the glaciers in connection with ancient hot springs and geysers. Some of these deposits are unusually large and are indurated by silica-bearing hot waters so that they stand up in resistent masses such as the Porcupine Hills and Twin Buttes in the Lower Geyser Basin.

Routine observations of wildlife and general park conditions have been carried on so far as possible. But with regard to the Trumpeter Swan studies which were carried on by former naturalists Oberhansley and Condon, we have had very little time to devote to this matter. In spite of the fact that this year has been a rather critical one for all forms of wildlife since we had the deepest snows and most prolonged winter season which we have had in this area since 1919 and 1920.

The publication of Nature Notes was discontinued in June 1942. No other publication has been issued to take its place and such observations as are being made are placed on cards in the card file. The Park Naturalist prepared a manuscript in 1940 and 1941 on "Behind the Scenery in Yellowstone National Park." Some work has been done on it in the last two years but while the manuscript has been worked over and placed in good condition the illustrations are still lacking and probably will not be prepared until postwar conditions permit. Assistant Park Naturalist McDougall has a manuscript of several years' standing on the Plants of the Big Bend National Park. He has done a little work on this in spare moments during the last summer. The book entitled "Plants of Yellowstone National Park" of which he is coauthor with Mrs. Herma Baggley is in need of revision. Dr. McDougall has spent considerable of his own time this summer in planning this revision. The actual work involved is rather large and since he is leaving Yellowstone he will not be able to carry on this work in the near future.

The Park Naturalist has done some editorial work on manuscripts on the parks prepared by others and has reviewed the interpretive statements for Grand Teton National Park, Isle Royale National Park, and the Badlands National Monument. He also prepared in the winter of 1942 an interpretive statement for Death Valley National Monument and in addition to reviewing the plans for Dinosaur National Monument has been on the committee which has prepared plans for the future development of Dinosaur National Monument and the museum which is contemplated at that place.

During the past season very few collecting permits have been issued. The only one that we have listed was issued to Doctors Avinoff and LeRoy Kay and Mr. Kenneth Doutt of the Carnegie Institution of Pittsburgh. This was issued for certain types of insects and rock specimens which are present in Yellowstone.

The past season the Yellowstone Library and Museum Association has employed a librarian for the library and much progress has been made in organiza-

tion and indexing some of the books and pamphlets. The shelving space in the library was augmented by adding 130 linear feet of shelving last winter and the library book stacks have been expanded so as to accommodate the books in a much more orderly fashion and inventories were completed of both the books in the stacks and the pamphlets in the pamphlet files. The Yellowstone Library has added about $175.00 worth of books this past year and also done considerable binding of periodicals and some repair of books.

Our kodaslide collection now consists of about 2400 kodaslides which cover the field of natural history and some historical subject matter. However, we do not have anywhere near the number of duplicates that we will need for use after the war so it will be necessary to carry on this work as vigorously as possible to have enough available for our campfire programs.

We have added several reels of colored film to our library of motion pictures and last year supplied the National Park Service with a 1600 foot reel and script for the sound track with goes with this reel. The Director's Office made this film on Yellowstone National Park available to the Interior Department and the State Department who are having it duplicated for distribution to the various countries of the world.

We have also sent kodaslides to the Interior Department for the preparation of film strips in color and in black and white. Other exchanges have been made with national parks and national monuments.

For Yellowstone National Park there has been no significant museum acquisitions this past year. However, we have exchanged some museum items with other Park Service museums and sent several items that would be of considerable value to other museums to them with the approval of the Museum Board.

Custer Battlefield National Cemetery has acquired some very valuable material from the estate of Mrs. George A. Custer but this material will not be described here as a statement regarding this material will probably be received from Superintendent Luce.

It is very certain that the naturalist work in Yellowstone National Park is contributing vitally to the protection, preservation, and maintenance of the natural features, structures, collections, library, museum exhibits, and other property. It is contributing also to the protection of the park through proper patrolling of geyser basins, giving of information and advice to visitors, supplying them with publications and so far as possible with guided trips for the military groups which enter the park.

Some research of wildlife management problems and help in the management thereof is being given and it is believed that this cannot be further reduced without jeopardizing some wildlife groups, especially Trumpeter Swan. The work which is now being carried on is believed essential to the care of the Park and its wildlife and the protection of visitors.

encls.
Region Two
cc
file
museum CMB:LVC

Edmund B. Rogers,
Superintendent.

[illegible] and labeling some of the basic [illegible] problems. The [illegible] [illegible] the library was acquainted by mailing 100 [illegible] that [illegible] [illegible] and the library [illegible] [illegible] [illegible]

Museum [illegible] include Old Faithful Cone Talks, Mt. Washburn contacts, and Museum and Bus Talks.

SUMMARY OF NATURALIST ACTIVITIES

For the ~~month~~ season ~~season~~ ending June 1, 1942 to September 30, 19~~3~~42

Yellowstone National Park

The Bear Lecture at Canyon is discontinued and no naturalists are stationed at Mt. Washburn, Tower Falls, or West Thumb this season.

PLACE	GUIDED TRIPS									LECTURES						MUSEUM	MISCEL.	TOTALS	PUBLICATIONS	
	Field Trips		Auto Caravans			SPecial Parties		Game Stalk		Campfire Lectures		Bear Lecture		Museum Talks		Museum	Miscel.	Total Contacts	Sales	
	No.	Attend.	No.	Cars	Attend.	No.	Attend.	No.	Attend.	No.	Attend.	No.	Attend.	No.	Attend.	Attend.	Contacts		No.	Sales
Canyon	51	441				2	9			51	554						15,369*	16,953		
Fishing Bridge	61	541				1	2			83	11,870			66	1,355	30,315		43,784		$ 668.05
Madison										2	32			174	3,684	10,782		14,488		
Mammoth	126	2,936								65	1,283			71	3,087	24,202	out of pk. 125	31,633		674.75
Mount Washburn																				
Norris	237	7,255												308	9,261	22,462		38,997		
Old Faithful	200	5,511				6	510			84	15,276			572	55,298	54,146	gay.bas. 7,165	137,906		1,008.30
West Thumb																				
Totals 1934~~2~~	675	16,684				9	521			265	28,785			1191	72,586	141,907	Unattended 23,259	102,353 386,095		2,351.10
Totals 193																				

* Artist Point
Grand View

Beaver Field Exhibit	(Est.)	59,116
Obsidian Cliff Exhibit	"	9,526
Tuff Cliff Exhibit		159
Fireholo Canyon Exhibit		33,552
		102,353

Park Visitors During Period 166,601.

Park Naturalist

C. Max Bauer

Museum talks include Old Faithful Cone Talks, Mt. Washburn contacts, and Museum and Bus Talks.

For the ~~month~~ season ending June 1, 1943 to September 30, 1943

SUMMARY OF NATURALIST ACTIVITIES

Yellowstone National Park

Norris, Madison, and Fishing Bridge Museums closed. No Ranger Naturalists. Guided trips and lectures have been discontinued for the duration of the War.

PLACE	GUIDED TRIPS									LECTURES						MUSEUM	MISCEL.	TOTALS	PUBLICATIONS	
	Field Trips		Auto Caravans			Special Parties		Game Stalk		Campfire Lectures		Bear Lecture		Museum Talks		Museum	Miscel.	Total Contacts	Sales	
	No.	Attend.	No.	Cars	Attend.	No.	Attend.	No.	Attend.	No.	Attend.	No.	Attend.	No.	Attend.	Attend.	Contacts		No.	Sales
Canyon																				
Fishing Bridge																				
Madison																				
Mammoth																1,929		1,929		$ 83.12
Mount Washburn																				
Norris																				
Old Faithful			1	200						Illustrated Talks 8	381			Cone Talks 132	3,891	7,633	gov.bus. 800	12,905		145.65
West Thumb																				
Totals 1943			1	200						8	381			132	3,891	9,562	800	14,834		225.77
Totals 193																				

Park Visitors During Period 54,867.

Park Naturalist

C. Max Bauer

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DIVISION FOR NOVEMBER 1943

GENERAL:

The weather in November was very good, the autumn season was prolonged, and winter did not come until December 1st. Two field trips were taken during the month and the rest of the time was spent in photographic and darkroom work, making illustrations for several manuscripts, in studying Western History, and Place Names, and preparing some extra chapters for the manuscript on Yellowstone.

Special Activities, conferences:

No special activities or conferences were held during the month.

Plans for the winter were discussed with Park Naturalist Harold Brodrick.

Personnel; labor:

Park Naturalist Bauer was on duty all month except three days of sick leave.

Park Naturalist Brodrick was on duty all month except one day of annual leave on November 7.

Clerk LeRoy Van Cott was on duty all month except one day of annual leave.

Statistical Report

The statistical report for the month of November is attached.

Museum Activities and Exhibits

We are having a case made for the Seventh Cavalry guidon which was found on Custer Battlefield and has been turned over to us to prepare for exhibition.

Research and Observation

Park Naturalist Bauer visited the Lake area with Superintendent Rogers and Assistant Superintendent Johnston on November 22 and found in the areas around the outlet of the lake and on the river as far as Alum Creek 75 swans. Fifteen of this group were definitely identified as Trumpeter Swan cygnets inasmuch as they were gray. As for the other 60 birds it is probable that some of them were Whistling Swans since these birds do visit the Park in the fall. However, it was a little late for Whistling Swans on November 22.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DIVISION FOR
NOVEMBER 1943

GENERAL:

The weather in November was very good, the autumn season was prolonged, and winter did not come until December 1st. Two field trips were taken during the month and the rest of the time was spent in photographic and darkroom work, making illustrations for several manuscripts, in studying Western History, and Place Names, and preparing some extra chapters for the manuscript on Yellowstone.

Special Activities, Conferences:

No special activities or conferences were held during the month.

Plans for the winter were discussed with Park Naturalist Harold Bradley.

Personnel, Labor:

Park Naturalist Bauer was on duty all month except three days of with leave.

Park Naturalist Bradley was on duty all month except one day of annual leave on November 7.

Clerk LaRoy Van Dyke was on duty all month except one day of annual leave.

Statistical Report

The statistical report for the month of November is attached.

Museum Activities and Exhibits

We are having a case made for the Seventh Cavalry guidon which was found on Custer Battlefield and has been turned over to us to prepare for exhibition.

Research and Observation

Park Naturalist Bauer visited the lake area with Superintendent Tupper and Assistant Superintendent Johnston on November 22 and found in the lake around the mouth of the lake and on the river as far as Alum Creek 73 swans. Fifteen of this group were definitely identified as Trumpeter Swan upgrade Canadian as they were grey. As far the other 58 birds it is probable that some of them were thistling Swans since these birds do visit the park to the fall. However, it was a little late for thistling Swans on November 22.

Park Naturalist Harold Brodrick has been assigned research in connection with the animal and bird life of the Park and is studying the literature on the subject. He has also been requested to become familiar with the literature on Trumpeter Swan including the recent reports prepared by Oberhansley and Condon in this Park.

Clerk Van Cott has been working much of his time this month on the Place Name file adding quotations from the reports of the United States Board on Geographic Names to the cards, also quotations from the literature referring to the naming of certain features, also correcting numerous errors that have crept into the information on Place Names.

Library Activities

Books in circulation	5
Books received during November	4
Indefinite loan of books.	4
Pamphlets received during November. . .	17
Magazines received during November. . .	14

Photographic and other visual aids:

Park Naturalist Brodrick has spent eight days on darkroom work and negative and print filing.

PROPOSED OUTLINE OF WORK FOR DECEMBER 1943

During December the Park Naturalist expects to continue with the work on Western History and assisting Mr. Van Cott in getting the Place Name file as nearly complete and correct as possible.

The usual routine of handling correspondence and memoranda will be carried on. Park Naturalist Brodrick will continue his work on photographs and filing of photographs and negatives and begin his studies on the animal and bird life of Yellowstone Park.

Respectfully submitted,

C. Max Bauer,
Park Naturalist.

Director
Region Two Office

museum
CMB:LVC
(Original copy to Rogers [illegible])

Park Naturalist Harold Brodrick has been assigned research in connection with the animal and bird life of the Park and is studying the literature on the subject. He has also been requested to become familiar with the literature on Prospector Dam including the Desert Reports prepared by Quartermaster and Condon in this Park.

Clerk Van Cott has been working much of his time this month on the Fleet Dam file adding quotations from the reports of the United States Geological Geographic Bands to the cards, also quotations from the literature referring to the mining of certain features, also correcting numerous errors that have crept into the information on Fleet Dams.

Library activities

Books in circulation	[illegible]
Books received during November	[illegible]
Inventoria lines of books.	[illegible]
Pamphlets received during November. . .	17
Magazines received during November. . .	[illegible]

Photographic and other visual aids:

Park Naturalist Brodrick has spent eight days on Sequoia Park and negative and print filing.

[illegible]

During December the Park Naturalist expects to continue with the work on Western Birdsey and assisting Mr. Van Cott in getting the Fleet Dam file as nearly complete and correct as possible.

The usual routine of handling correspondence and requests will be carried on. Park Naturalist Brodrick will continue his work on photographs and filing of photographs and negatives and begin his studies on the animal and bird life of Sequoia Park.

Respectfully submitted,

S. Ben Meyer,
Park Naturalist.

Director
Sequoia Park Office

MONTHLY STATISTICAL REPORT OF INTERPRETIVE CONTACTS
IN SCENIC OR SCIENTIFIC AREAS

Yellowstone National Park
Name of Area

Number of Persons Engaged in Interpretive Activities

	Technical	Administrative	Other
Permanent	1	1	
Temporary			

November
Month
1943
Year

	No.	Attend.	Duration*	V.P.H.**
CONDUCTED TRIPS				
Auto Caravans				
Hiking Trips				
Ruins				
*				
*List other types Total			XXXX	
LECTURES				
Campfire				
Hotel or Lodge				
Museum				
Outside of Park				
Special**				
**Includes all other types Total			XXXX	
ATTENDED INTERPRETIVE STATIONS & MUSEUMS				
Name of Station				
List by name and type			XXXX	
UNATTENDED INTERPRETIVE STATIONS				
Name of Station, Nature Trail, etc.				
List by name and type			XXXX	

BROADCASTS

Station	Subject

Total Contacts None
Total V.P.H. None
Total Visitors 276

Name
Title C. Max Bauer, Park Naturalist

MAIL ATTENTION NATURALIST DIVISION, NATIONAL PARK SERVICE, WASHINGTON, D. C., IN TIME TO ARRIVE ON OR BEFORE THE TENTH OF THE MONTH FOLLOWING THE ONE REPORTED ON.

* AVERAGE DURATION OF ACTIVITY.

** THIS COLUMN REPRESENTS VISITOR PARTICIPATION HOURS. THE FIGURE IS OBTAINED BY MULTIPLYING THE VISITOR ATTENDANCE BY THE AVERAGE DURATION OF THE CONTACT; I.E., THE AVERAGE TIME DEVOTED TO THE TRIP, LECTURE, MUSEUM VISIT, OR USE OF INTERPRETIVE STATIONS.

128897

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DIVISION FOR DECEMBER 1943

GENERAL:

December did not bring on very heavy winter weather. There were a few light snows but the weather was by no means as severe as it was last year. Some vacation was taken during the month by each one of the members of the Naturalist Division, and most of the month was occupied in routine matters.

Special activities, conferences:

During the month the Park Naturalist prepared a report on the living quarters in the Park and with the assistance of the Park Engineer and Chief Clerk made a tabulation of all the quarters, answering the questions asked by the Regional Office. Numerous conferences were held on this matter and also a number of conferences were held with Acting Superintendent Johnston on general problems and particularly with regard to quarters and the bison reduction program.

Personnel, labor:

Park Naturalist Bauer was on duty all month except for five days of annual leave.

Park Naturalist Brodrick was on duty all month except for five days of annual leave.

Clerk LeRoy Van Cott was on duty all month except 1 and 7/32 days of annual leave.

Statistical Report:

With regard to the Statistical Report, there is nothing to report except the total number of visitors which came into the Park. This figure is reported at the end of this report. Until such time as naturalist activities are resumed, the Statistical Report will be omitted.

Research and Observation:

The Park Naturalist did some historical research on the bison in the Yellowstone Park region; also supervised some of the work being done on buildings and roads to obtain a history of the constructional development in the Park; also did some research on Place Names.

Park Naturalist Brodrick has done some research on the animals of Yellowstone Park and has prepared some pen and ink drawings. He has also done some historical reading, particularly to become familiar with Yellowstone Nature Notes and some of the early trapper history of the region.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYOMING

REPORT OF THE NATURALIST DIVISION FOR
DECEMBER 1943

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Personnel, labor:

Park Naturalist Lauer was on duty all month except for five days of annual leave.

Park Naturalist Brodrick was on duty all month except for five days of annual leave.

Clerk LaRoy Van Gott was on duty all month except 1 and 7/32 days of annual leave.

Statistical Report:

With regard to the Statistical Report, there is nothing to report except the total number of visitors which came into the Park. This figure is reported at the end of this report. Until such time as naturalist activities are resumed, the Statistical Report will be omitted.

Research and Observation:

The Park Naturalist did some historical research on the bison in the Yellowstone Park region; also supervised some of the work being done on buildings and roads to obtain a history of the constructional development in the Park, also did some research on Place Names.

Park Naturalist Brodrick has done some research on the animals of Yellowstone Park and has prepared some pen and ink drawings. He has also done some historical reading, particularly to become familiar with Yellowstone Nature Notes and some of the early trapper history of the region.

Clerk Van Cott has been working on the Place Names file and has added much material on the cards and is gradually getting the file simplified so that all of the information will be available on one set of cards.

Library Activities

Books in circulation	4
Books received during December	3
Indefinite loan of books.	3
Pamphlets received during December.	9
Magazines received during December.	15

Photographic and other visual aids:

Park Naturalist Brodrick has spent about five days in developing, printing, and filing of negatives and photographs, part of which has been routine and part of which has been in connection with requests from the Director's Office for a series of pictures of the bison. He also photographed the Governor's plaque which was presented to Yellowstone Park as a reward for winning the Third War Loan Drive for the State of Wyoming.

The total number of visitors to the Park in December 1943 was 152.

PROPOSED OUTLINE OF WORK FOR JANUARY 1944

It is planned that the Naturalist Division will secure both movies of the bison and bison reduction program which is going to be carried on this winter, and still pictures as well. In this connection we will also secure winter shots of other game animals whenever it is possible to do so.

We expect to carry on the printing of several hundred Army negatives which we have received about two years ago from Mr. Nusbaum, Acting Superintendent of Mesa Verde National Park. We also have a program of enlarging microfilm which, if carried through, will involve the enlargement of about 2500 microfilm frames to the size of about 8 x 10. It will not be possible to secure enough print paper for all of this but we do have some paper available and we hope to carry it on as long as the paper lasts. There will be a continuation of negative developing and printing to take care of the requests from the Regional Office and the Director's Office.

Park Naturalist Brodrick will do some work on the sketching of park animals. In connection with the business of the Yellowstone Library and Museum Association, we have planned some interviews with Mr. E. A. Moorman and Professor Burlingame of Montana State College at Bozeman.

The Park Naturalist will carry on some investigations on the history of the larger animals in the Park region. Also it is hoped to continue the Place Name study so that this file will be completed so far as possible after the winter season is over.

Respectfully submitted,

C. Max Bauer,
Park Naturalist.

Director
Region Two Office

museum
CMB:LVC
(orig.copy to Rogers is file copy)

4477

Clark Bar Park has been working on the Flora Dunn file and has added some material on the park and is gradually setting the file simplified so that all of the information will be available on one part of cards.

Library Statistics

Books in circulation	[illegible]
Books received during December	[illegible]
Indefinite loan of books	[illegible]
Pamphlets received during December	[illegible]
Magazines received during December	[illegible]

Photographs and other visual aids:

Park Naturalist Brodrick has spent some time days in developing, printing, and filing of negatives and photographs, part of which has been visible and part by which has been in connection with requests from the Director's office for a series of pictures of the Island. He also photographed the Hermanity plaque which was presented to Bellingham Park as a report for winning the Park for Home Drive for the State of Wyoming.

The total number of visitors to the Park in December long was 750.

PROTECTED OFFICES OF HOME FOR WINTER 1944

It is planned that the Naturalist Division will assure full number of the Island and Island reduction program which is going to be carried on this winter, and still [illegible] as well. In this connection we will also assure [illegible] of other game animals whenever it is possible to do so.

We expect to carry on the printing of several hundred long-lagering [illegible] have received about two years ago from Mt. Rushmore, [illegible] of Home Yards National Park. We also have a program of enlarging microfilm which, if [illegible] through, will involve the enlargement of about [illegible] microfilm frames to the size of about 8 x 10. It will not be possible to assure enough [illegible] paper for all of this but we do have some paper available and we hope to carry it on as long as the paper lasts. There will be a continuation of negative [illegible] and [illegible] to take care of the requests from the Regional Office and the Director's office.

Park Naturalist Brodrick will be [illegible] on the [illegible] of park animals. In connection with the [illegible] of the [illegible] Library and [illegible], we have planned some interviews with Mr. [illegible] and [illegible] of Eastern State College at [illegible].

The Park Naturalist will carry on some investigations on the history of the larger animals in the Park region. Also it is hoped to continue the Flora Dunn study so that this file will be completed by [illegible] after the winter season is over.

Respectfully [illegible],

Reviewed
Regional Office

[illegible]
Park Naturalist

[illegible]

Bound by Dieter for Y.L.M.A.

DIETER
BINDS
BETTER
DENVER COLO